

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | | | | | | FORM 3 AMENDED REPORT | | | | |
|--|-----------|-------------------|---|--------------------------------|--|--|----------------------------|----------|-------|--------|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER Duchesne Land 4-10C5 | | | | |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | | | | | 3. FIELD OR WILDCAT ALTAMONT | | | | |
| 4. TYPE OF WELL Oil Well Coalbed Methane Well: NO | | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME | | | | |
| 6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P. | | | | | | 7. OPERATOR PHONE 713 997-5038 | | | | |
| 8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002 | | | | | | 9. OPERATOR E-MAIL maria.gomez@epenergy.com | | | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee | | | 11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | | | 12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | | | | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') Joan A. Steed & Frank J. Steed, Sr. | | | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-738-6400 | | | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P. O. Box 358, , | | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> | | | 19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> | | | | |
| 20. LOCATION OF WELL | | FOOTAGES | | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN | | |
| LOCATION AT SURFACE | | 1000 FSL 1000 FEL | | SESE | 10 | 3.0 S | 5.0 W | U | | |
| Top of Uppermost Producing Zone | | 1000 FSL 1000 FEL | | SESE | 10 | 3.0 S | 5.0 W | U | | |
| At Total Depth | | 1000 FSL 1000 FEL | | SESE | 10 | 3.0 S | 5.0 W | U | | |
| 21. COUNTY DUCESNE | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 1000 | | | 23. NUMBER OF ACRES IN DRILLING UNIT 640 | | | | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2500 | | | 26. PROPOSED DEPTH MD: 12000 TVD: 12000 | | | | |
| 27. ELEVATION - GROUND LEVEL 5939 | | | 28. BOND NUMBER 400JU0708 | | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City | | | | |
| Hole, Casing, and Cement Information | | | | | | | | | | |
| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
| COND | 17.5 | 13.375 | 0 - 1000 | 54.5 | J-55 LT&C | 9.0 | Class G | 1238 | 1.15 | 15.8 |
| SURF | 12.25 | 9.625 | 0 - 4360 | 40.0 | N-80 LT&C | 10.0 | Premium Lite High Strength | 727 | 2.17 | 12.0 |
| | | | | | | | Premium Lite High Strength | 425 | 1.33 | 14.2 |
| I1 | 8.75 | 7 | 0 - 10050 | 29.0 | P-110 LT&C | 11.0 | Premium Lite High Strength | 372 | 2.31 | 12.0 |
| | | | | | | | Premium Lite High Strength | 122 | 1.91 | 12.5 |
| L1 | 6.125 | 4.5 | 9850 - 12000 | 13.5 | P-110 LT&C | 14.0 | Premium Lite High Strength | 177 | 1.45 | 14.3 |
| ATTACHMENTS | | | | | | | | | | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES | | | | | | | | | | |
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | | | | | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN | | | | | |
| <input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | | | | | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER | | | | | |
| <input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP | | | | | |
| NAME | | | | TITLE | | | | PHONE | | |
| SIGNATURE | | | | DATE 03/01/2012 | | | | EMAIL | | |
| API NUMBER ASSIGNED 43013512620000 | | | | APPROVAL Permit Manager | | | | | | |

**DUCHESNE LAND
Sec. 10, T3S, R5W
DUCHESNE COUNTY, UT
1/18/12**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Green River | 4,256' |
| Mahogany Bench | 6,011' |
| L. Green River | 7,216' |
| Wasatch | 9,006' |
| TD | 12,000' |

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
| Oil | Green River | 4,256' |
| | Mahogany Bench | 6,011' |
| | L. Green River | 7,216' |
| | Wasatch | 9,006' |

3. Pressure Control Equipment: (Schematic Attached)

A 5.0" by 20.0" rotating head on structural pipe from surface to 1000'. A 5.0" by 13 3/8" Rotating Head from 1000' to 4,360' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 4,360' to 10,050'. An 11.0", 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10,050' to 12,000'. The BOPE and related equipment will meet the requirements of the 5M and 10M systems respectively.

OPERATORS MINIMUM SPECIFIC FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi Annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test and 4,000 psi high test. The 10M BOP will be installed with 3 1/2" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

- A) Mud logger with gas monitor – 4,360' to TD
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shaker, desander and desilter.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached wellbore diagram and drilling program

All casing will meet or exceed the following design factors

Burst = 1.00

Collapse = 1.125

Tension = 1.2 (including 100k overpull)

Cement design calculations will be based on 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

| Interval | Type | Mud Weight |
|------------|------|-------------|
| Conductor | WBM | 8.4 – 9.0 |
| Surface | WBM | 9.0 – 10.0 |
| Production | WBM | 10.0 – 11.0 |

Anticipated mud weights are based on actual offset well bottom-hole pressure data plus trip margins. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 4,360' - TD.

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

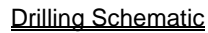
Maximum anticipated bottomhole pressure calculated at 12,000' TD equals approximately 8,112 psi. This is calculated based on a 0.676 psi/foot gradient (13 ppg mud density at TD).

Maximum anticipated surface pressure based on bottom hole pressure equals approximately 5,472 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,000' = 5,800 psi

BOPE and casing design is based on the lesser of the two MASPs which is 5,472 psi

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**



| LOGS | TOPS | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
|--------------------------------|------|-----------------|-------------------|-----------------------|--------------------|
| | | 1000 ' MD/TVD | | 13 3/8" 54.5 J-55 LTC | |
| Base MSGW 3456' | | | 12-1/4" | 9-5/8" 40.0-80 LTC | 8.4 - 9.0 ppg WBM |
| Green River (GRRV) 4256' | | 4,360 ' MD/TVD | | | |
| Mud Log @ 4360' to TD | | | FIT to 0.8 psi/ft | | |
| Green River (GRC3) 5124' | | | 8-3/4" | 7" 29 P-110 LTC | 9.0 - 10 ppg WBM |
| Mahogany Bench 6011' | | | | | |
| Lower Green River (TGR3) 7216' | | | | | |
| Wasatch (W090TU2) 9006' | | 10,050 ' MD/TVD | | | |
| | | | FIT to 0.8 psi/ft | | |
| | | | 6-1/8" | 4 1/2" 13.5 P-110 LTC | 10.0- 11.0 ppg WBM |
| | | 12,000 'MD/TVD | | | |

DRILLING PROGRAM

| CASING PROGRAM | SIZE | INTERVAL | | WT. | GR. | CPLG. | BURST | COLLAPSE | TENSION |
|------------------|---------|----------|---------|-------|-------|-------|--------|----------|---------|
| CONDUCTOR | 13 3/8" | 0 | - 1000 | 54.5 | J-55 | LTC | 2,730 | 1,130 | 853 |
| SURFACE | 9-5/8" | 0 | - 4360 | 40.00 | N-80 | LTC | 5,750 | 3,090 | 916 |
| INTERMEDIATE | 7" | 0 | - 10050 | 29.00 | P-110 | LTC | 11,220 | 8,530 | 929 |
| PRODUCTION LINER | 4 1/2" | 9850 | - 12000 | 13.50 | P-110 | LTC | 12,410 | 10,680 | 422 |

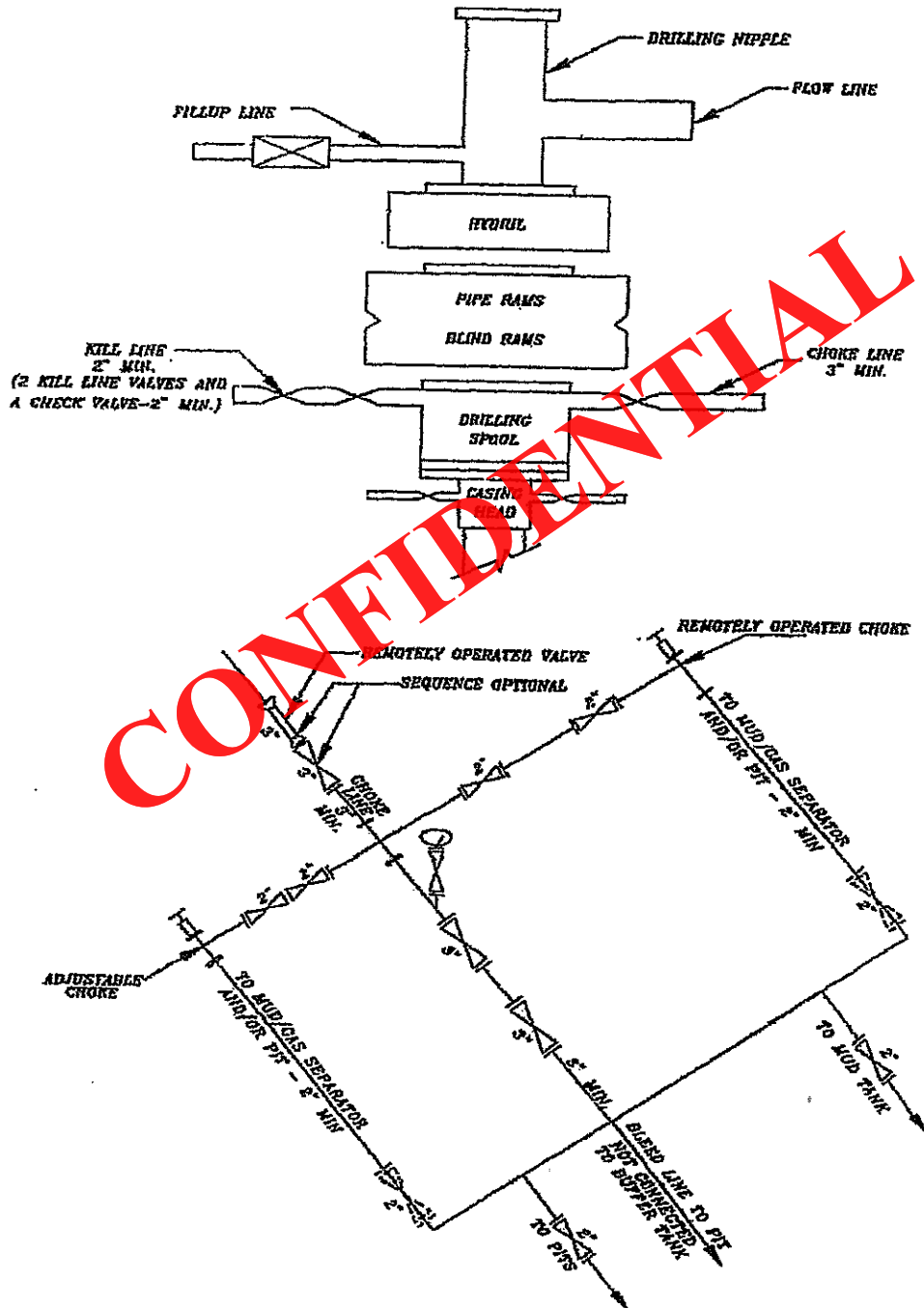
| CEMENT PROGRAM | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|------------------|------|-------------|---|-------|--------|----------|-------|
| CONDUCTOR | | 1000 | Class G + 3% CACL2 | 1238 | 100% | 15.8 ppg | 1.15 |
| SURFACE | Lead | 3,360 | Halco-light premium+3 lbm/sk Silicate+0.8% Econolite+2% Salt+2 lbm/sk Kol-Seal+0.25 lb/sk Kwik Seal | 727 | 50% | 12.0 ppg | 2.17 |
| | Tail | 1,000 | Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+HR-5 | 425 | 75% | 14.2 ppg | 1.33 |
| INTERMEDIATE | Lead | 5,190 | Halco-Light-Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake | 372 | 10% | 12.0 ppg | 2.31 |
| | Tail | 1,000 | Halco-Light-Premium+0.3% Econolite+0.3% Versaset+0.2% Halad322+0.3% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake | 122 | 10% | 12.5 ppg | 1.91 |
| PRODUCTION LINER | | 2,150 | Halco-50/50 Super Premium Cement+20% SCR-1+0.3% Super CBL+ 0.3% Halad-34+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat | 177 | 25% | 14.3 ppg | 1.45 |

FLOAT EQUIPMENT & CENTRALIZERS

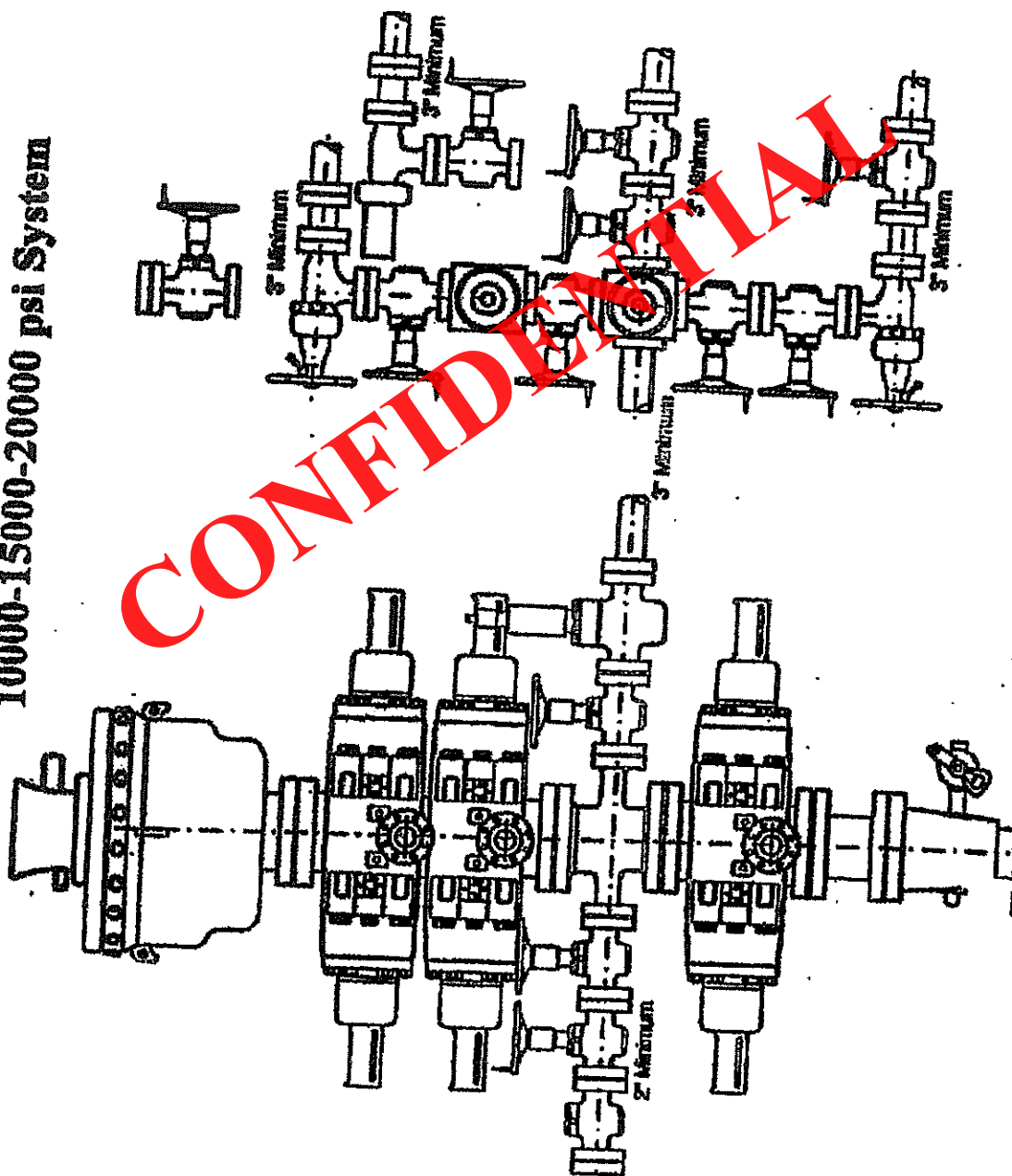
| | |
|--------------|--|
| CONDUCTOR | PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing. |
| SURFACE | PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter. |
| INTERMEDIATE | PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. |
| LINER | Float shoe, 1 joint, float collar. Rigid centralizer every other joint. Thread lock all FE. Maker joints every 1000'. |

PROJECT ENGINEER(S): Brent Baker 713-420-3323MANAGER: Scott Palmer

5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System



EL PASO E&P COMPANY, L.P.
DUCHESNE LAND 4-10C5
SECTION 10, T3S, R5W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 7.25 MILES TO THE INTERSECTION OF S.R. 87 WITH S.R. 35;

TURN LEFT AND TRAVEL NORTHWESTERLY ON PAVED S.R. 35 3.79 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL SOUTH AND THEN WESTERLY ON GRAVEL ROAD 1.96 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL SOUTHERLY ON GRAVEL ROAD 3.73 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL EASTERLY ON GRAVEL ROAD 1.49 MILES TO AN INTERSECTION;

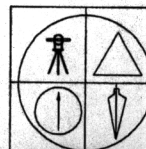
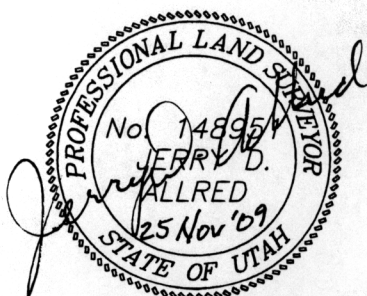
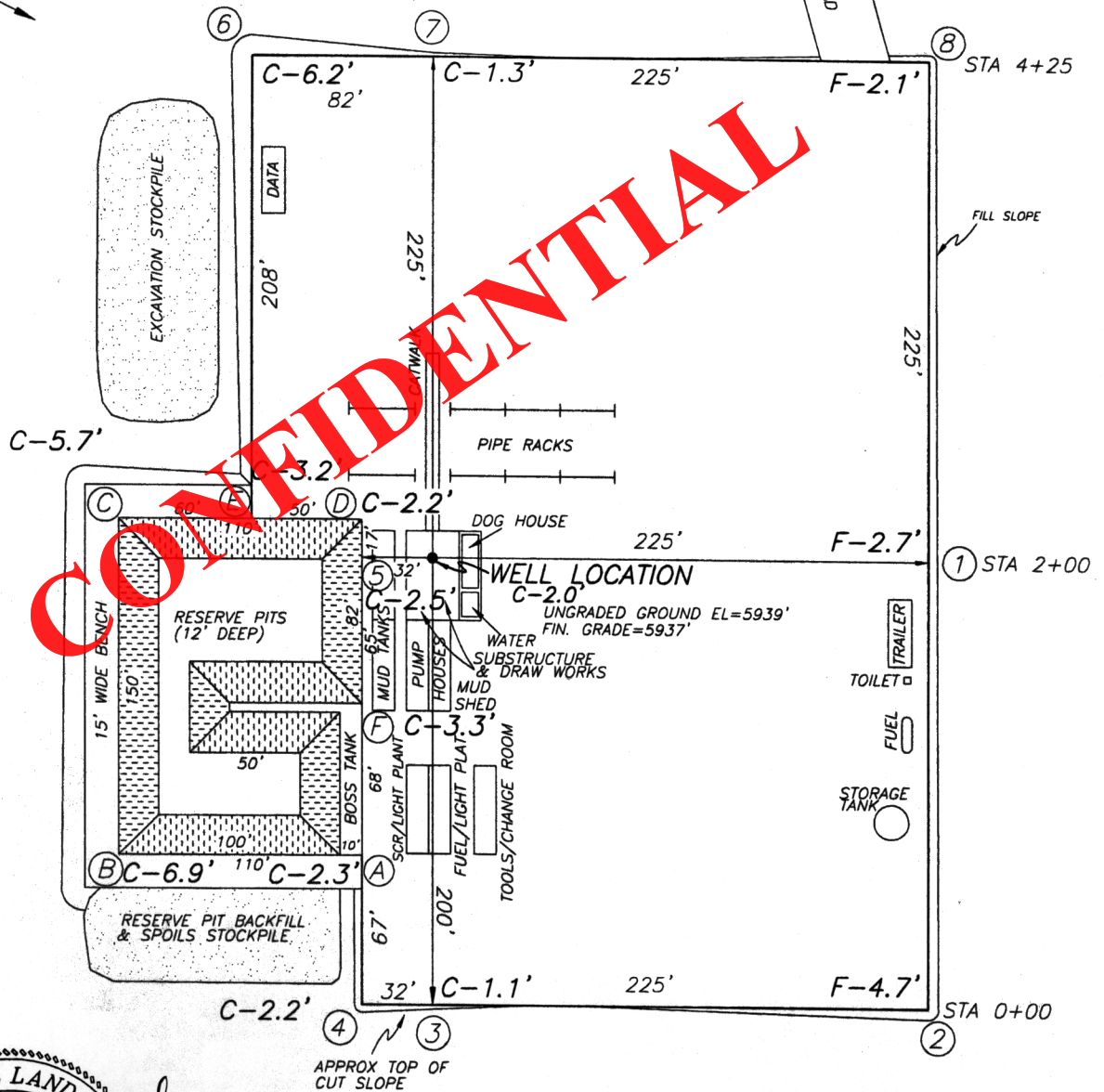
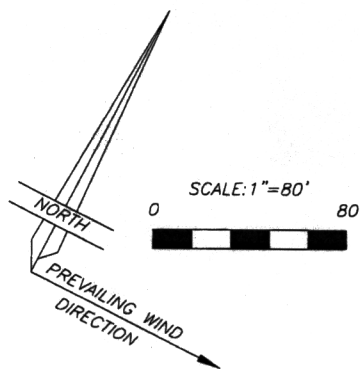
TURN RIGHT AND TRAVEL SOUTHEASTERLY ON GRAVEL ROAD 0.63 MILES TO THE BEGINNING OF THE ACCESS ROAD;

FOLLOW ROAD FLAGS EASTERLY APPROXIMATELY 0.67 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 19.52 MILES.

EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 DUCHESNE LAND 4-10C5
 SECTION 10, T3S, R5W, U.S.B.&M.
 1000' FSL, 1000' FEL

FIGURE #1

JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352

20 NOV 2009

01-128-120

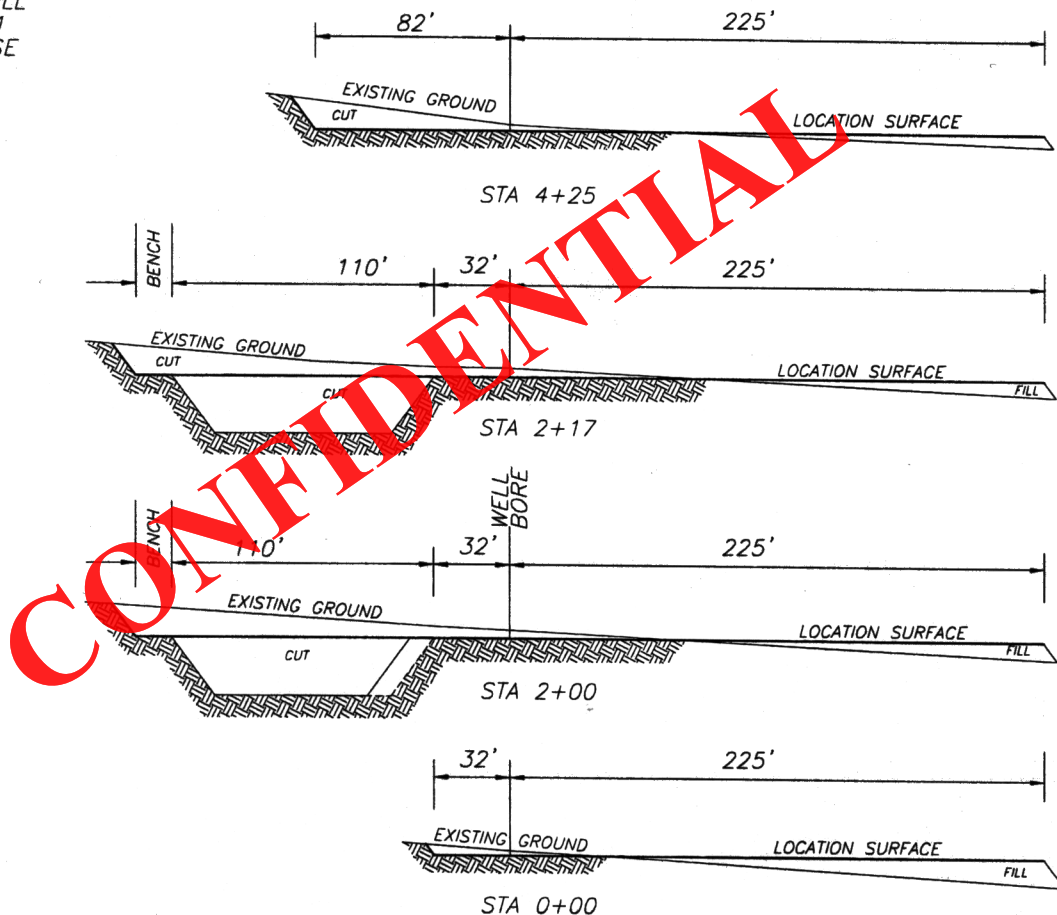
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 DUCHESNE LAND 4-10C5
 SECTION 10, T3S, R5W, U.S.B.&M.
 1000' FSL, 1000' FEL

FIGURE #2

1"=40'
 X-SECTION
 SCALE
 1"=80'

NOTE: ALL CUT/FILL
 SLOPES ARE 1½:1
 UNLESS OTHERWISE
 NOTED



APPROXIMATE YARDAGES

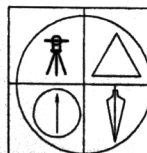
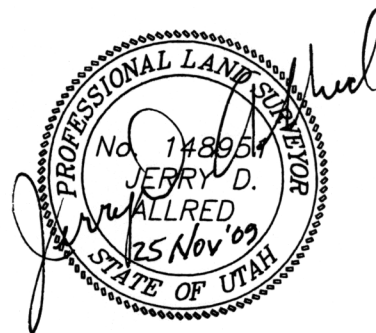
TOTAL CUT (INCLUDING PIT) = 15,003 CU. YDS.

PIT CUT = 4850 CU. YDS.

TOPSOIL STRIPPING: (6") = 2744 CU. YDS.

REMAINING LOCATION CUT = 7409 CU. YDS.

TOTAL FILL = 6355 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

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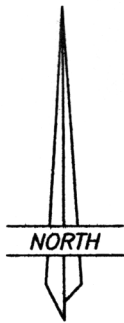
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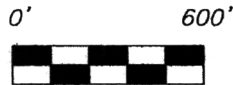
S 89°58'00" W 2631.45'

N 89°51'34" E 2638.01'

SEC 3 SEC 2

SEC 10 SEC 11
COUNTY MON

SCALE: 1=600'



THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE NW CORNER OF SECTION 10 LOCATED AT LAT 40°14'30.74528"N AND LONG 110°26'45.07537"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

CONFIDENTIAL

N 00°00'42" E 2652.20'

COUNTY MON

OWL AND HAWK
PROPERTYNE 1/4
SW 1/4DUCHESNE LAND
PROPERTY

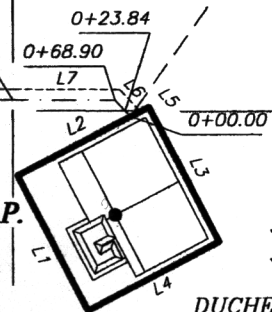
PROPOSED 66' WIDE
ACCESS ROAD, PIPELINE,
& POWER LINE RIGHT-
OF-WAY CORRIDOR

NW 1/4
SE 1/4
DUCHESNE LAND
PROPERTYNE 1/4
SE 1/4
DUCHESNE LAND
PROPERTYEXISTING
ROAD

35+24.00
L12 33+86.58
32+30.70
L10
30+23.24

| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| L1 | N 27°20'45" W | 475.00' |
| L2 | N 62°39'15" E | 465.00' |
| L3 | S 27°20'45" E | 475.00' |
| L4 | S 62°39'15" W | 465.00' |
| L5 | N 42°38'00" W | 23.84' |
| L6 | N 42°38'00" W | 45.06' |
| L7 | N 89°43'08" W | 321.55' |
| L8 | N 89°43'08" W | 1321.28' |
| L9 | S 89°54'34" W | 1311.51' |
| L10 | N 10°19'56" W | 207.45' |
| L11 | N 01°31'15" W | 155.88' |
| L12 | N 71°09'27" W | 137.42' |

ELPASO E & P COMPANY, L.P.
SURFACE USE AREA
DUCHESNE LAND 4-10C5
5.07 ACRES

SE 1/4
SE 1/4
DUCHESNE LAND
PROPERTY

N 00°25'34" E 2659.58'

COUNTY MON

N 89°49'27" E 2617.79'

N 89°25'51" W 2637.58'

SEC 10 SEC 11
SEC 15 SEC 14
COUNTY MON

LOCATION SURFACE USE AREA &
ACCESS ROAD, PIPELINE, AND POWER LINE RIGHT-OF-WAY
SURVEY FOR

EL PASO E & P COMPANY, L.P.

DUCHESNE LAND 4-10C5

SECTION 10, TOWNSHIP 3 SOUTH, RANGE 5 WEST

UINTAH SPECIAL BASE AND MERIDIAN

USE AREA BOUNDARY

Commencing at the Southeast Corner of Section 10, Township 3 South, Range 5 West of the Uintah Special Base and Meridian;

Thence North 56°38'14" West 1293.29 feet to the TRUE POINT OF BEGINNING;

Thence North 27°20'45" West 475.00 feet;

Thence North 62°39'15" East 465.00 feet;

Thence South 27°20'45" East 475.00 feet;

Thence South 62°39'15" West 465.00 feet to the TRUE POINT OF BEGINNING, containing 5.07 acres.

ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY

A 66 feet wide access road, pipeline and power line corridor right-of-way over a portion of Section 10, Township 3 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of which is further described as follows:

Commencing at the East Quarter Corner of said Section 10;

Thence South 35°38'35" West 1652.02 feet to the TRUE POINT OF BEGINNING, said point being on the North line of the El Paso E & P Co. Duchesne Land 4-10C5 well location use boundary;

Thence North 42°38'00" West 43.84 feet to the South line of the NE1/4 of the SE1/4 said Section;

Thence North 42°38'00" West 43.06 feet;

Thence North 89°43'08" West 321.55 feet to the West line of said NE1/4;

Thence North 89°43'08" West 1321.28 feet to the West line of the NW1/4 of said SE1/4;

Thence South 89°44'34" West 1311.51 feet to the West line of the NE1/4 of the SW1/4 said Section;

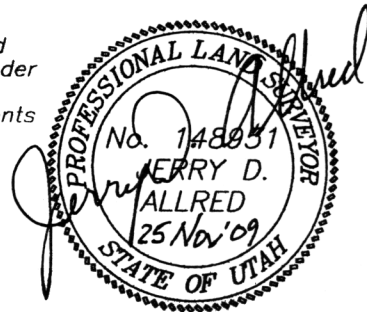
Thence North 10°19'56" West 207.45 feet;

Thence North 01°30'15" West 155.88 feet;

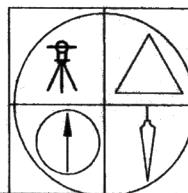
Thence North 71°09'27" West 137.42 feet to an existing road. Said right-of-way being 3524.00 feet in length, the sidelines of which being shortened or elongated to meet the use area boundary and existing road right-of-way lines.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area, access road, pipeline, and power line corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)



JERRY D. ALLRED AND ASSOCIATES

SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

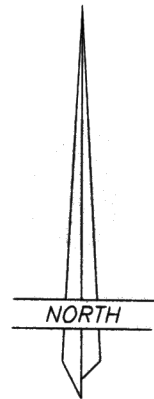
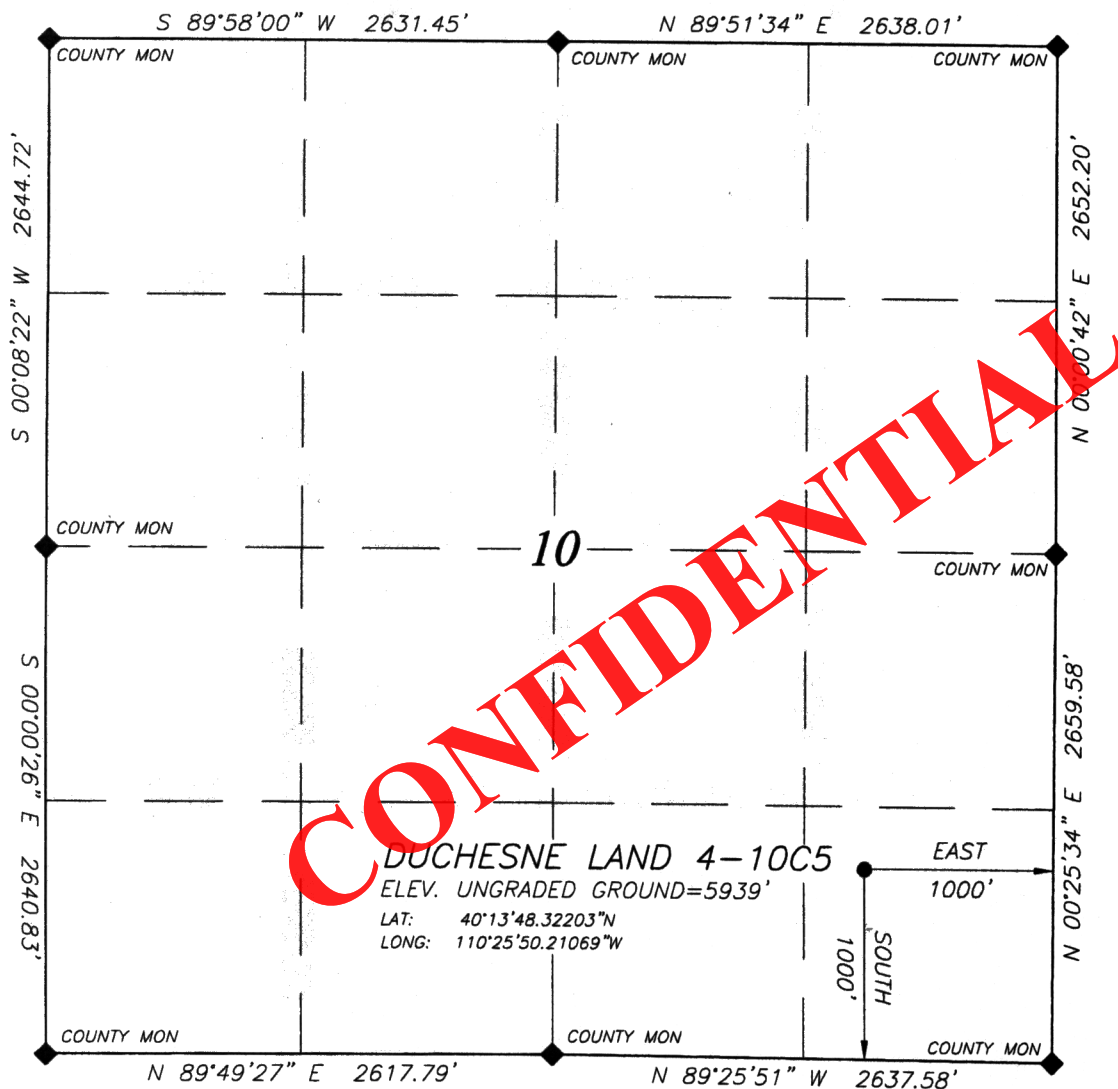
24 NOV 2009

01-128-120

EL PASO E & P COMPANY, L.P.

WELL LOCATION

DUCHESNE LAND 4-10C5

LOCATED IN THE SE¼ OF THE SE¼ OF
SECTION 10, T3S, R5W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

SCALE: 1"=1000'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

LEGEND AND NOTES

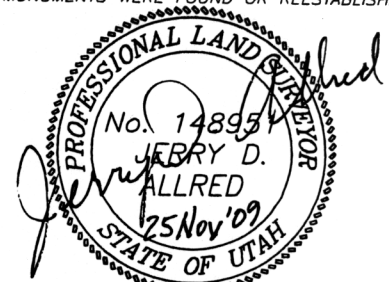
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

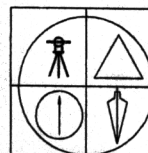
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE NW CORNER OF SECTION 10 LOCATED AT LAT 40°14'30.74528"N AND LONG 110°26'45.07537"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM



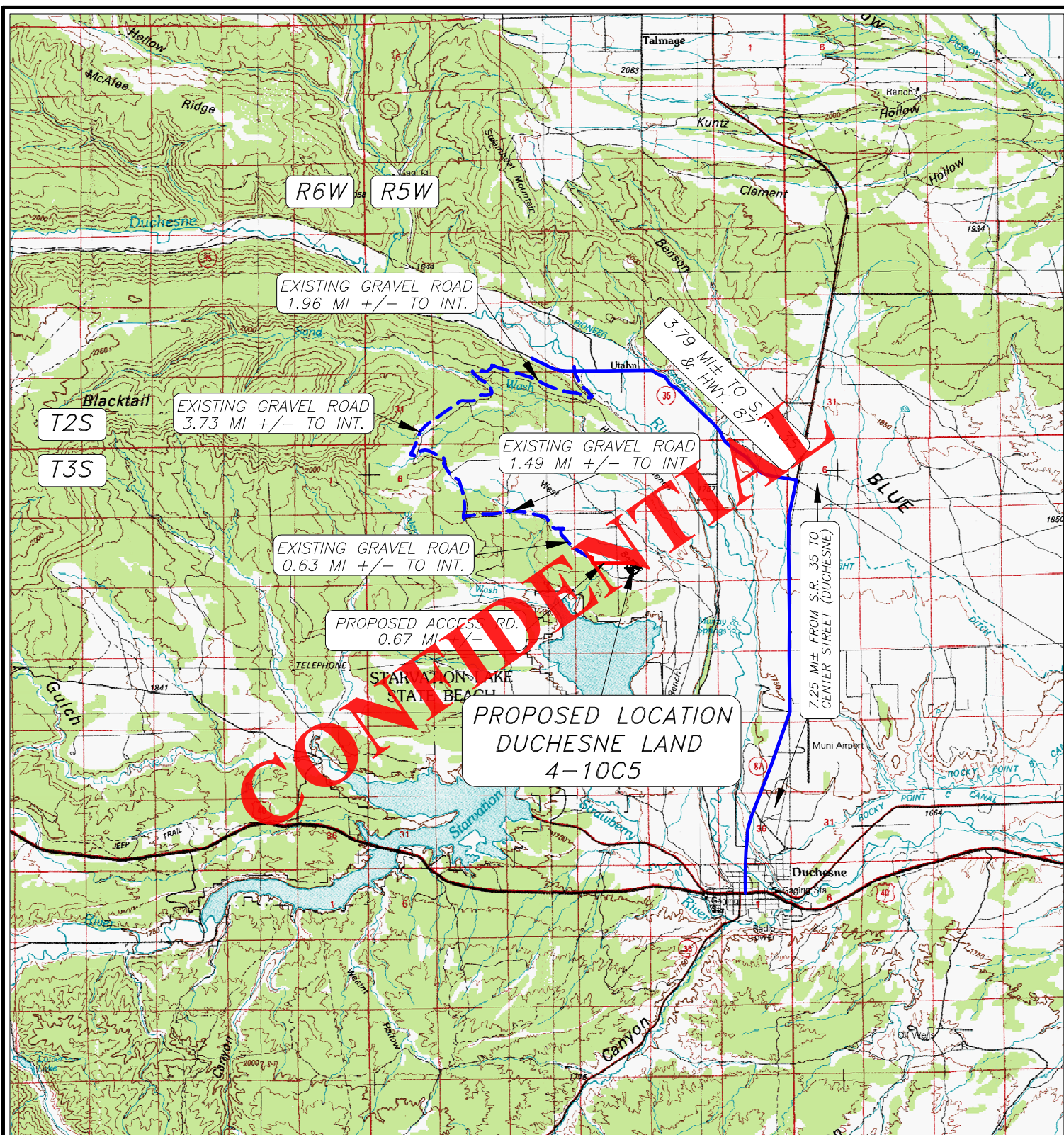
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

20 NOV 2009 01-128-120

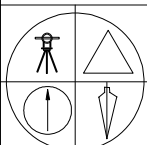


LEGEND:



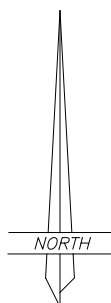
PROPOSED WELL LOCATION

01-128-120



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCESNE, UTAH 84021
(435) 738-5352



EL PASO E & P COMPANY, L.P.

DUCHESNE LAND 4-10C5

SECTION 10, T3S, R5W, U.S.B.&M.

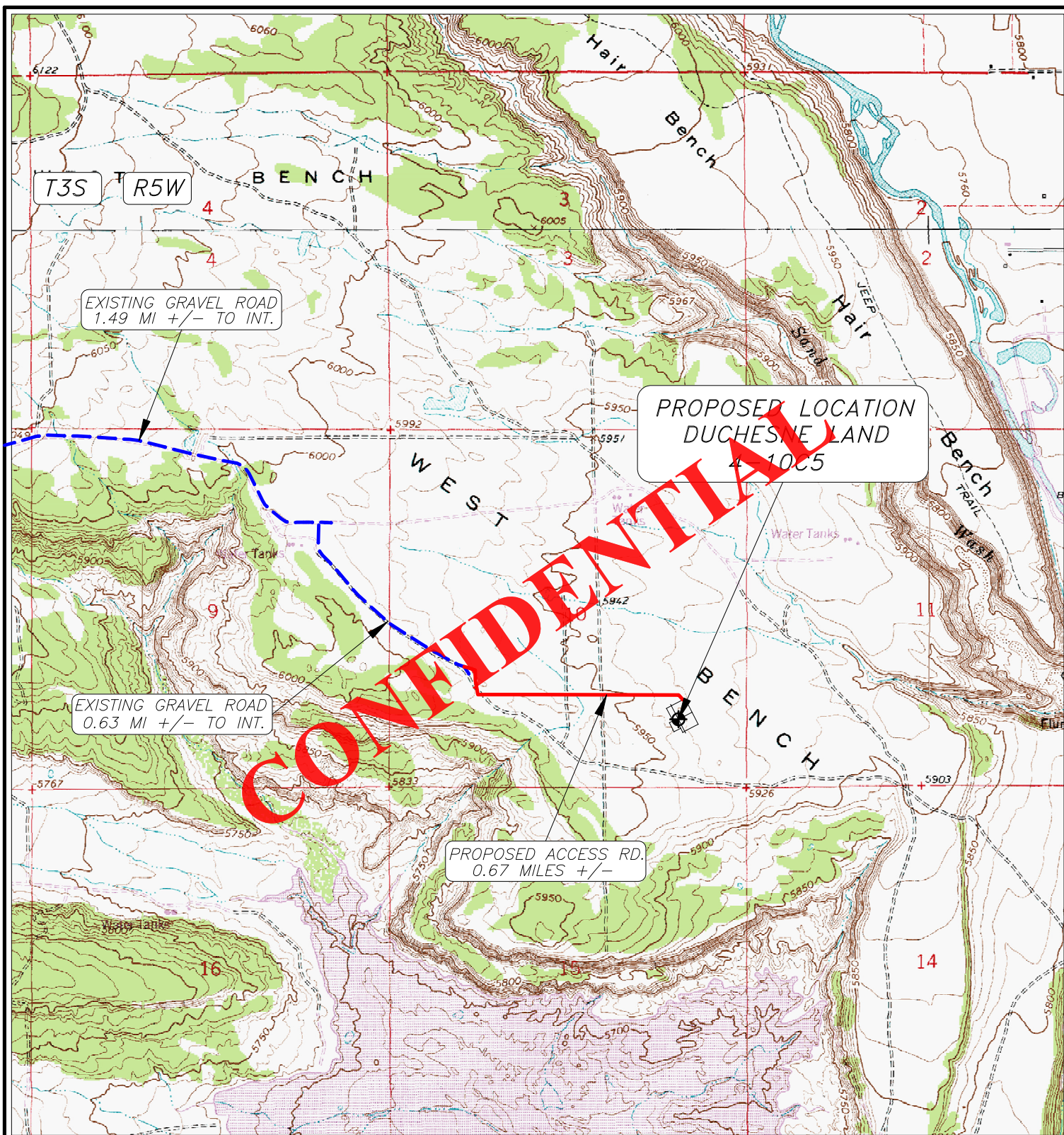
1000' FSL 1000' FEL

TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'

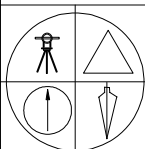
19 NOV 2009

RECEIVED: March 01, 2012

**LEGEND:**

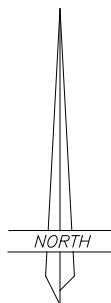
- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD

01-128-120



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

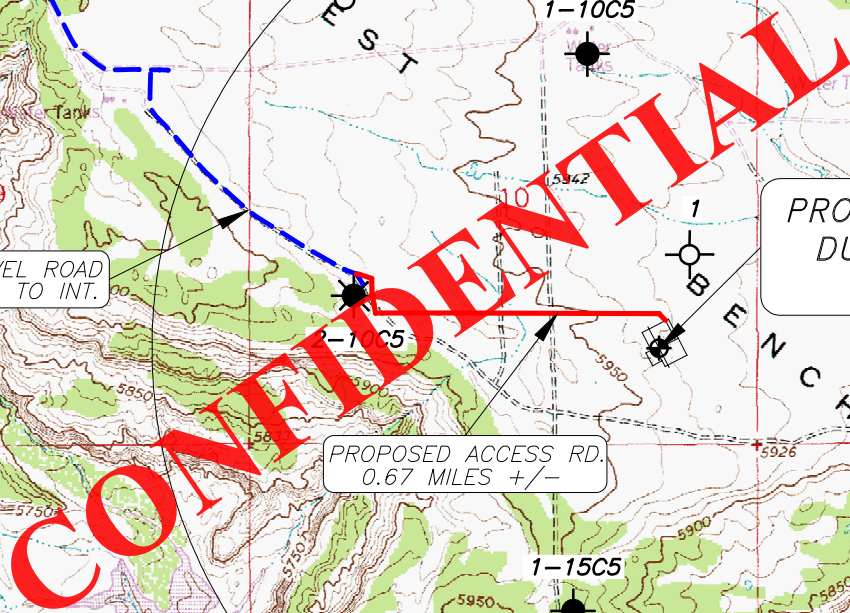
**EL PASO E & P COMPANY, L.P.**

DUCHESNE LAND 4-10C5
SECTION 10, T3S, R5W, U.S.B.&M.
1000' FSL 1000' FEL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
19 NOV 2009

RECEIVED: March 01, 2012

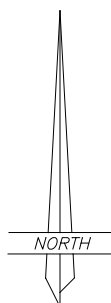



 PROPOS
 2-25C6

OTHER WELLS AS LOCATED FROM
SUPPLIED MAP

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352



DUCHESNE LAND 4-10C5
 SECTION 10, T3S, R5W, U.S.B.&M.
 1000' FSL 1000' FEL

SCALE: 1"=2000'
19 NOV 2009

March 1, 2012

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Salt Lake City, Utah 84116

Attn: Mr. Brad Hill

Re: Duchesne Land 4-10C5
Affidavit of Facts

Dear Mr. Hill:

El Paso E&P Company, L.P. (El Paso) has submitted an APD for the Duchesne Land 4-10C5. Attached to the APD is an Affidavit of Facts instead of SUA Affidavit. El Paso has been unsuccessful in reaching an agreement with the landowner.

El Paso requests the approval of the APD without the surface agreement.

If you have any question or need additional information, please contact Maria Gomez at 713-420-5038 or maria.gomez@elpaso.com.

Sincerely,

Maria S. Gomez

Maria S. Gomez
Principle Regulatory Analyst

AFFIDAVIT OF FACTS

STATE OF UTAH §

COUNTY OF DUCHESNE §

**Re: Surface Damage Release (SDR) and Right-of-Way (ROW)
Wellsite, Road and Pipeline
El Paso E&P Company, L.P., Operator
Duchesne Land 4-10C5 Oil & Gas Well
T3S, R5W Sec. 10: SE/4SE/4 -1,000' FSL & 1,000' FEL
Duchesne County, Utah**

WHEREAS, the undersigned, Byron Moos (affiant), who's mailing address is P.O. Box 3, Duchesne, UT 84021, being first duly sworn on oath, depose and say:

1. I am over the age of 21 and am an Independent Oil and Gas Landman, on contract to **Transcontinent Oil Company** as agent for **El Paso E&P Company, L.P., 1001 Louisiana Street, Houston, Texas 77002** ("El Paso").
2. El Paso owns operating rights on the fee minerals and is proposing an oil and gas well named the Duchesne Land 4-10C5 (the "Well"), to be located on a parcel of real property located at T3S, R5W Sec. 10: SE/4SE/4-1,000' FSL & 1,000' FEL located and being on a part of the tract of land known as Duchesne County (Tax Roll) Parcel No. 00-0008-2051, Serial #3260 and Parcel No. 00-0035-0145, Serial #3260-0003 Duchesne County, Utah ("Property").
3. While the minerals under the Property are owned by a number of individual fee mineral owners, the surface estate is owned by:

**Duchesne Land LLC
P O Box 358, Duchesne, Utah 84021 ("Duchesne Land")
Phone: (435)738-6400
5.07 acres of the location**

**Joan A. Steed and Frank J. Steed, Sr.
P O Box 358, Duchesne, Utah 84021
Phone: (435)738-6400
Mr. & Mrs. Steed are General Partners of Duchesne Land LLC**

4. On September 29, 2009 a visit was made to the office of Duchesne Land. The personnel there were told about El Paso's planning to place a well on their property and that El Paso was seeking permission to survey the proposed well site. The office personnel there asked for more information as to where the proposed well site was located. They were told that more information would be provided to them as soon as possible.
5. On September 30, 2009 a request for permission to survey letter and a plat map showing the approximate location of the proposed well site was hand delivered to the office of Duchesne Land
6. On October 5, 2009 an attempt was made to visit the offices of Duchesne Land. The offices were closed.
7. On October 6, 2009 a visit was made to the offices of Duchesne Land by Byron Moos (Landman for Land Professionals Inc. on contract with El Paso E & P Company). Mr. Moos was told that Mr. & Mrs. Steed were out of town and would be until the 15th or 16th of October.
8. On November 17, 2009 an e-mail was received from Mr. Wayne Garner, El Paso's Construction Foreman, indicating that he had made contact with Mr. Steed, a General


Partner of Duchesne Land, LLC. Mr. Steed informed him at that time that a Mr. James Allen, 187 North 400 East, Duchesne, Utah was buying the tract of land (SE/4SE/4), where the proposed well site is located, on contract from Duchesne Land. Mr. Garner indicated also in his e-mail that he had contacted Mr. Allen as well and had received verbal permission from both of these gentlemen to survey the proposed well site.

9. On November 23, 2009 an e-mail was received from Shelly Brennan, an employee of Allred Surveying, wherein she stated that Mr. James Allen had informed her that he was paying on the contract to Duchesne Land, but the contract was in his son's name. His son is Mr. James Sauter, 405 North Center Street, Duchesne, Utah 84021.
10. On November 24, 2009 the survey of the proposed Duchesne Land 4-10C5 well site was completed by Allred Surveying.
11. In late November 2009 Mr. James Allen and Mr. James Sauter signed the Surface Damage Release and Right-of-Way documents.
12. In early December 2009 a meeting was held with Mr. Steed at the offices of Duchesne Land. Byron Moos, (Landman), and Wayne Garner were in attendance. At that meeting Mr. Steed was given the Surface Damage Release, Right-of-Way and Archaeological Waiver documents for the Duchesne Land 4-10C5 well site, along with a monetary offer for surface damages. Mr. Steed said that he would look them over and also get them to his attorney for his perusal. Mr. Steed indicated at that meeting that he would be getting back to us on this matter in a few days.
13. On December 30, 2009 our office was contacted by Duchesne Land. We were informed that Mr. Steed would be in his office on Tuesday January 5, 2010.
14. On January 5, 2010 Cameron Moos, (Landman for Land Professionals, Inc on contract with El Paso E & P Company), visited the offices of Duchesne Land and talked with Mr. Frank J. Steed. Mr. Steed said that he wanted the surface title researched on this tract of land. When the surface title research was done and a title report was delivered to him, he would then consider signing the well site documents.
15. On February 16, 2010 Cameron Moos, (Landman), delivered a copy of the surface title research report to the offices of Duchesne Land. He was told that the office staff did not know when Mr. Steed would be back in the office.
16. On February 18, 2010 Cameron Moos, (Landman), visited the office of Duchesne Land. He was told that the Steeds would be in later that morning and that someone from the office would call him when the Steeds were in. A little later that morning Cameron Moos, (Landman), again visited the offices of Duchesne Land. The front door was locked. Later that same morning a telephone call was placed to the offices of Duchesne Land. No one answered the telephone.
17. On February 23, 2010 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told that Mr. Steed was out of town and would not be back until March 8, 2010.
18. On March 10, 2010 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told that Mr. Steed was not in and that he would be away from the office until March 15, 2010.
19. On March 15, 2010 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told that Mr. Steed was still out of town and that he would be back in his office on March 18, 2010.
20. On March 18, 2010 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told that Mr. Steed was not there but he would be in his office tomorrow, March 19th.
21. On March 19, 2010 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told that Mr. Steed had not come in yet and the office staff did not know if he would come in at all that day. Later that day Byron Moos (Landman) again visited the offices of Duchesne Land. Mr. Steed was there and met with Mr. Moos. Mr. Steed stated at that time that he wanted to check with his attorney before agreeing with anything concerning this proposed well site and access road right-of-way.

22. On April 14, 2010 Byron Moos, (Landman), placed a telephone call to the offices of Duchesne Land. The secretary answering the telephone stated that Mr. Steed was not in the office at that time. The secretary said that she would call me back tomorrow (April 15, 2010) with Mr. Steed's schedule.
23. On December 14, 2011 Byron Moos, (Landman), visited the offices of Duchesne Land. Mr. Steed was not in. The staff asked Mr. Moos to provide another set of surface use agreement and right-of-way documents as they were not sure what happened to the original set provided to Mr. Steed. The staff also stated that Mr. Allen was no longer purchasing the SE/4SE/4 of Section 10, T3S, R5W from Duchesne Land. Later that day, Mr. Moos delivered another set of the requested documents to the offices of Duchesne Land, including a monetary offer for surface damages, and received assurances that those documents would be delivered to Mr. Steed.
24. On January 5, 2012 Byron Moos, (Landman), visited the offices of Duchesne Land. He was told by the receptionist that Mr. Steed was still looking at the documents and that he wanted to talk to some people about them before he got back in touch with me. The receptionist indicated that would be toward the middle of next week. (Jan 12, 2012).
25. On January 12, 2012 Byron Moos (Landman) visited the offices of Duchesne Land. The office door was locked.
26. On January 13, 2012 Byron Moos (Landman) visited the offices of Duchesne Land. Mr. Steed was not in the office at that time. Mr. Moos was told that Mr. Steed had the well site documents and that he was still looking at them. The receptionist did not know when Mr. Steed would be back in the office.
27. On January 18, 2012 Byron Moos (Landman) visited the offices of Duchesne Land. He was told that Mr. Steed was in a meeting at that time. Mr. Moos asked Mrs. Joan Steed if the tracts of land involved with the well site and access road right-of-way were currently under contract to be purchased from Duchesne Land. Mrs. Joan Steed replied to Mr. Moos that Mr. Steed would be the individual to talk to about those matters. Mr. Moos was then advised to call the offices of Duchesne Land instead of coming in to try and set up an appointment with Mr. Steed.
28. On January 23, 2012 Byron Moos (Landman) called the offices of Duchesne Land. He was informed that Mr. Steed was not in the office at that time and that he would not be back to the office until January 25, 2012. Mr. Moos then asked if it would be possible to schedule an appointment with Mr. Steed. He was told at that time that Mr. Steed keeps his own schedule and therefore it would not be possible to set an appointment with Mr. Steed.
29. On January 25, 2012 Byron Moos (Landman) called the offices of Duchesne Land. The receptionist stated that Mr. Steed was in but he was in a meeting. Mr. Moos gave his contact number to the receptionist and she said that she would give it to Mr. Steed. A second call was made to the offices of Duchesne Land later that same day. Again, Mr. Moos left his contact number with the receptionist who stated that she would again give it to Mr. Steed.
30. On January 26, 2012 Byron Moos (Landman) called the offices of Duchesne Land. He was told that Mr. Steed was not in the office at that time. The receptionist again took Mr. Moos' name and number and then asked Mr. Moos when he would like an appointment with Mr. Steed and how much time did he think that he would need with Mr. Steed. Mr. Moos replied that next Monday (1/30) or Tuesday (1/31) would be desirable and that 20 minutes would be sufficient for this meeting. The receptionist said that someone from the office would get back to him.
31. On January 30, 2012 Byron Moos (Landman) called the offices of Duchesne Land in the morning and the afternoon. At both times Mr. Moos was told that Mr. Steed was not in the office.

- 32. On January 31, 2011 Byron Moos (Landman) call the offices of Duchesne Land in the morning. Mr. Moos was told that Mr. Steed was in a meeting. Mr. Moos again left his telephone number with the receptionist. Later that day Mr. Moos visited the offices of Duchesne Land and was told that Mr. Steed had left for the day. Mr. Moos left his business card with the receptionist and was told that it would be given to Mr. Steed.
- 33. On February 1, 2012 Byron Moos (Landman) called the offices of Duchesne Land. He was informed that Mr. Steed had misplaced the well site documents for this well and was asking for a new set of well site documents. Later that day Mr. Moos hand delivered another set of well site documents, including a monetary offer for surface damages, to the offices of Duchesne Land. He was told by the receptionist that this new set of documents would be given to Mr. Steed either Thursday or Friday, depending on when he came into the office.
- 34. On February 3, 2012 Byron Moos (Landman) received an e-mail from South Slope Reclamation requesting that Mr. Moos contact Mr. Don Wager with South Slope Reclamation and Consulting, not Duchesne Land, regarding any oil, gas pipeline production. Attached to this e-mail was a letter with Duchesne Land L.C. letterhead signed by Frank J. Steed, Member, authorizing Don Wager to negotiate on behalf of Duchesne Land, LC in regards to any oil, gas and pipeline production on any land owned by our company, until further notice.
- 35. On February 7, 2012 Byron Moos (Landman) met with Mr. Don Wager (Negotiator). At that meeting Mr. Wager expressed Mr. Steed's dissatisfaction with the surface use agreement and right-of-way documents being used by El Paso. Mr. Wager also stated that the compensation offers for the surface use agreement and right-of-way were very inadequate and needed to be increased considerably before Mr. Steed would consider accepting El Paso's compensation offers.
- 36. As of this date, February 24, 2012, El Paso has not been able to acquire a signed Surface Damage and Release Agreement or Right-of-Way Agreements from Duchesne Land LLC for the proposed Duchesne Land 4-10C5 well in Section 10, Township 3 South, Range 5 West, U.S.M.


NOW THEREFORE, the undersigned affiant Byron Moos, of lawful age, being first duly sworn, depose and say, that the above facts are true and correct to the best of his knowledge, further Affiant saith not. Signed this 24th day of February, 2012,

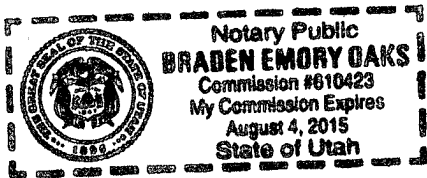

By: Byron Moos, Affiant

STATE OF UTAH §

COUNTY OF DUCHESNE §

On the 24th day of February A.D., 2012 personally appeared before me Byron Moos, Affiant signer of the above instrument, who duly acknowledged to me that he executed the same. WITNESS my hand and official seal.


Notary Public



EL PASO E&P COMPANY, L.P.

Related Surface Information

1. Current Surface Use:

- Livestock Grazing and Oil and Gas Production.

2. Proposed Surface Disturbance:

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .67 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. Location Of Existing Wells:

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. Location And Type Of Drilling Water Supply:

- Drilling water: Duchesne City Water

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .67 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch salt water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. Construction Materials:

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. Methods For Handling Waste Disposal:

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. Ancillary Facilities:

- There will be no ancillary facilities associated with this project.

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
 1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
 2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Duchesne Land LLC
P. O. Box 358
Duchesne, Utah 84021
435-738-6400

Joan A. Steed & Frank J. Steed, Sr.
P.O. Box 358
Duchesne, Utah 84021
435-738-6400

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

Construction and Reclamation:

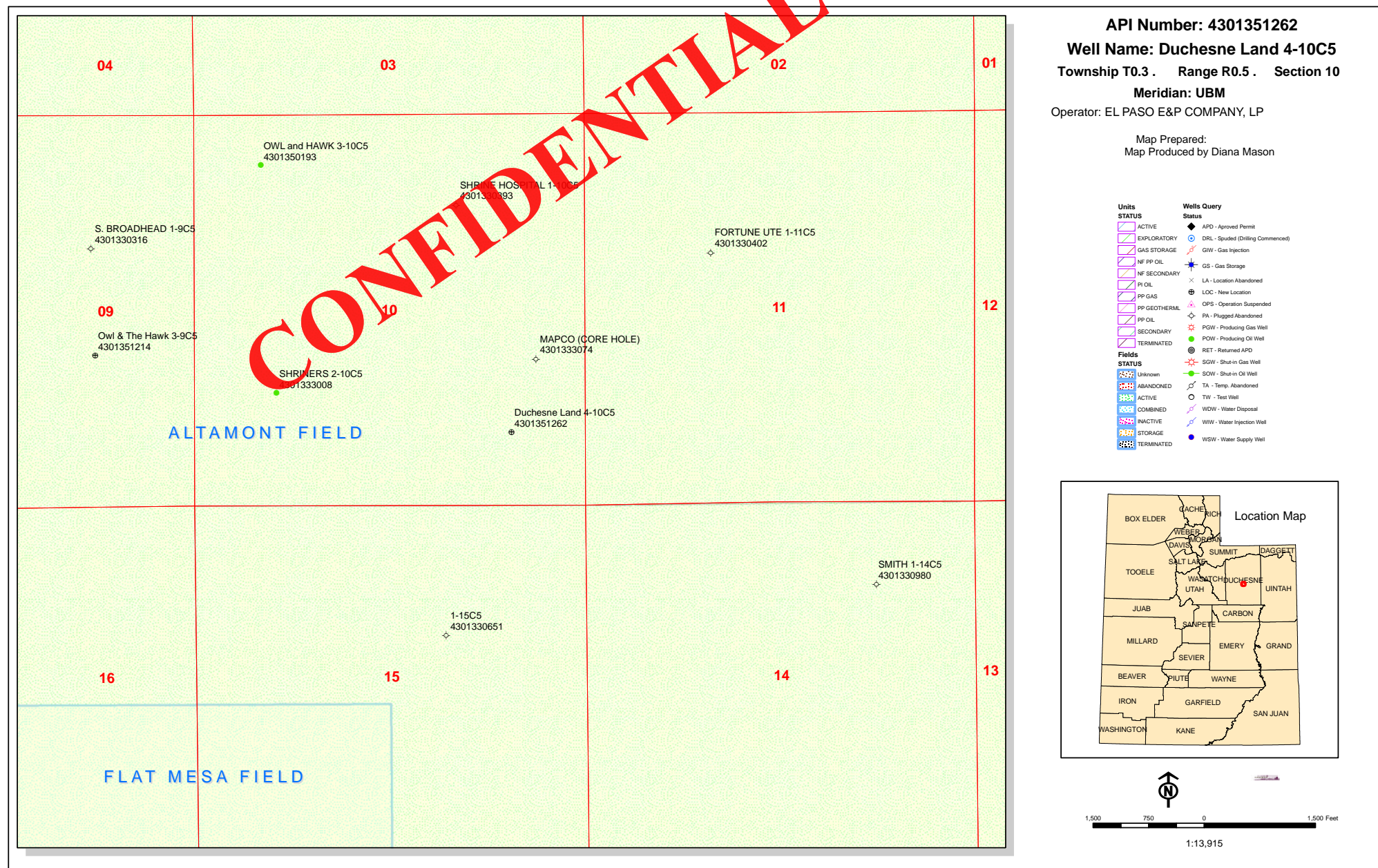
El Paso E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD

El Paso E & P Company
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-420-5038 – Office

Drilling

El Paso E & P Company
Brent Baker – Drilling Engineer
1001 Louisiana, Rm 2540A
Houston, Texas 77002
713-420-3323 – office
832-457-6433 – Cell



| | | | | |
|--|--|-------|-------|-------|
| Well Name | EL PASO E&P COMPANY, LP Duchesne Land 4-10C5 4301351262000 | | | |
| String | COND | SURF | I1 | L1 |
| Casing Size(in) | 13.375 | 9.625 | 7.000 | 4.500 |
| Setting Depth (TVD) | 1000 | 4360 | 10050 | 13200 |
| Previous Shoe Setting Depth (TVD) | 0 | 1000 | 4360 | 10050 |
| Max Mud Weight (ppg) | 9.0 | 10.0 | 11.0 | 14.0 |
| BOPE Proposed (psi) | 1000 | 1000 | 5000 | 10000 |
| Casing Internal Yield (psi) | 2730 | 5750 | 8160 | 12410 |
| Operators Max Anticipated Pressure (psi) | 8112 | | | 11.8 |

| | | | |
|---|--|--------|---|
| Calculations | COND String | 13.375 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 468 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 348 | YES rotating head |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 248 | YES OK |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 248 | NO OK |
| Required Casing/BOPE Test Pressure= | | 1000 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 0 | psi *Assumes 1psi/ft frac gradient |

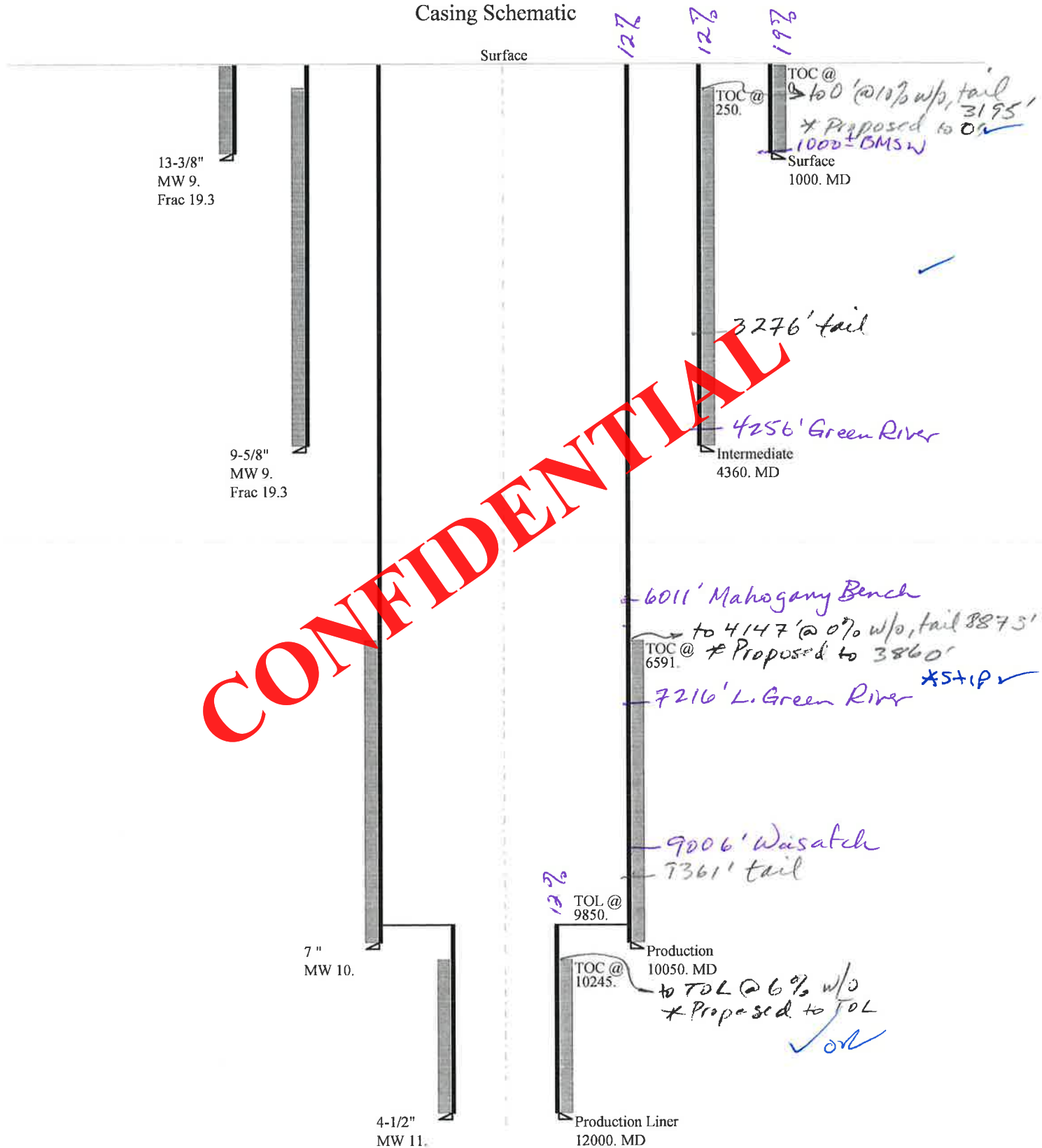
| | | | |
|---|--|-------|---|
| Calculations | SURF String | 9.625 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 2297 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 1744 | NO rotating head |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 1308 | NO Reasonable depth, no expected pressure |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 1528 | NO |
| Required Casing/BOPE Test Pressure= | | 4025 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 1000 | psi *Assumes 1psi/ft frac gradient |

| | | | |
|---|--|-------|---|
| Calculations | I1 String | 7.000 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 5749 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 4543 | YES |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 3538 | YES OK |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 4497 | NO OK |
| Required Casing/BOPE Test Pressure= | | 5712 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 4360 | psi *Assumes 1psi/ft frac gradient |

| | | | |
|---|--|-------|---|
| Calculations | L1 String | 4.500 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 9610 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 8026 | YES |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 6706 | YES OK |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 8917 | YES |
| Required Casing/BOPE Test Pressure= | | 8687 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 8160 | psi *Assumes 1psi/ft frac gradient |

43013512620000 Duchesne Land 4-10C5

Casing Schematic



| | | |
|--------------|--|-----------------------------|
| Well name: | 43013512620000 Duchesne Land 4-10C5 | |
| Operator: | EL PASO E & P COMPANY, LP | |
| String type: | Surface | Project ID: 43-013-51262 |
| Location: | DUCHESNE COUNTY | |

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 780 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 867 ft

Non directional string.**Re subsequent strings:**

Next setting depth: 4,360 ft
Next mud weight: 9.000 ppg
Next setting BHP: 2,038 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 1000 | 13.375 | 54.50 | J-55 | ST&C | 1000 | 1000 | 12.49 | 12408 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 468 | 1130 | 2.417 | 1000 | 2730 | 2.73 | 54.5 | 514 | 9.43 J |

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

| | | | |
|--------------|--|-------------|--------------|
| Well name: | 43013512620000 Duchesne Land 4-10C5 | | |
| Operator: | EL PASO E & P COMPANY, LP | | |
| String type: | Intermediate | Project ID: | 43-013-51262 |
| Location: | DUCHESNE COUNTY | | |

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 135 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 250 ft

Burst

Max anticipated surface pressure: 3,010 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,969 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 3,776 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 10,050 ft
Next mud weight: 10.000 ppg
Next setting BHP: 5,221 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,360 ft
Injection pressure: 4,360 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 4360 | 9.625 | 40.00 | N-80 | LT&C | 4360 | 4360 | 8.75 | 55480 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 2038 | 3090 | 1.516 | 3969 | 5750 | 1.45 | 174.4 | 737 | 4.23 J |

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4360 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

| | | |
|--------------|--|-----------------------------|
| Well name: | 43013512620000 Duchesne Land 4-10C5 | |
| Operator: | EL PASO E & P COMPANY, LP | |
| String type: | Production | Project ID: 43-013-51262 |
| Location: | DUCHESNE COUNTY | |

Design parameters:**Collapse**

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 6,591 ft

Burst

Max anticipated surface pressure: 3,010 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,221 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point 8,529 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 10050 | 7 | 29.00 | N-80 | LT&C | 10050 | 10050 | 6.059 | 97107 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 5221 | 7020 | 1.345 | 5221 | 8160 | 1.56 | 291.5 | 597 | 2.05 J |

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10050 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

| | | |
|--------------|--|-----------------------------|
| Well name: | 43013512620000 Duchesne Land 4-10C5 | |
| Operator: | EL PASO E & P COMPANY, LP | |
| String type: | Production Liner | Project ID: 43-013-51262 |
| Location: | DUCHESNE COUNTY | |

Design parameters:**Collapse**

Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 242 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 10,245 ft

Burst

Max anticipated surface pressure: 4,217 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,857 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Liner top: 9,850 ft
Non-directional string.

Tension is based on air weight.
Neutral point: 11,643 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 2200 | 4.5 | 13.50 | P-110 | LT&C | 12000 | 12000 | 3.795 | 12327 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 6857 | 10680 | 1.558 | 6857 | 12410 | 1.81 | 29.7 | 338 | 11.38 J |

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: April 19, 2012
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12000 ft, a mud weight of 11 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Memo

July 6, 2012

To: Brad Hill, Oil and Gas Permitting Manager

From: Dennis L. Ingram, Senior Petroleum Specialist Vernal Field Office

Re: Duchesne Land 4-10C5, field visit to site to inspect and evaluate well site to establish minimum restoration for bond release after well has been plugged and abandoned.

According to Oil & Gas Rule R649-3-34.17. The Division contacted David Allred with E&P Energy to notify said operator of an upcoming visit to set minimum reclamation standards for the surface of the proposed well site after the drilling, production and plugging of the Duchesne Land 4-10C5. Gayle McKeachie, Attorney at Law, was also contacted to represent Mr. Steed on July 5, 2012 and invited on the field visit. Both parties had previously met on July 3, 2012 and discussed well site issues and chose not to attend the Friday onsite meeting.

The well center and corner stakes were in place and new photographs were taken from each direction looking across the proposed well pad and labeled for well file records. Photos were also taken of the topsoil and each vegetation type of plant found on the surface. The surface slopes easterly and shows a six to seven foot cut along the western side while the eastern side indicates 2.7 to 4.7 feet of fill. There aren't any drainages or wash issues associated with the proposed disturbance area. The soil is reddish in color and consists of fine-grained blow sand, silt, and clay. One cedar tree was found on the surface, along with good vegetative ground cover consisting of greasewood, sagebrush, prairie or bunch grass and prickly pear cactus. According to sign, cattle, horses and mule deer have utilized the surface or crossed this area in recent years.

The surface area at the well site is undisturbed rangeland minus any development in immediate area. Starvation Reservoir is located approximately one mile south of this bench. There shouldn't be any pollution issues to the land at this site, as E&P Energy installs a 20 mil synthetic liner in the reserve pit and has followed construction and reclamation rules on previous projects. The slope, or cut and fill, from this surface should not cause any difficulty when reshaping the surface and land should return to original use status after plugging and abandonment, seeding, and vegetation recovery.

RECEIVED: July 09, 2012

The minimum reclamation standard set by the Division shall be: Reshape the surface to original slope and contour, spread surface topsoil across area and cast a seed mixture acceptable to that utilized in the area to prevent erosion and to allow vegetative recovery.

cc: David Allred, E&P Energy

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6-7-12 11:15

LEFT MESSAGE WITH
MR. STEED'S SECRETARY.
ASKED TO HAVE MR.
STEED CALL ME OR I
WOULD HAVE TO SIGN
PERMIT *BN*

06-07-12

TALKED WITH MIKE WALCHER
WITH EL PASO. THEY
WILL CALL BACK.
BN

6-11-12

DAVE ALRED - EL PASO
(435) 823-1700

EL PASO DOESN'T EXPECT
TO GET ANY FURTHER WITH
MR. STEED.
BN

6-7-12 4:36

DEENA - DUCK-ONE LAND
(435) 738-6400

CALLED HER BACK. SHE
WAS SEEKING ADDITIONAL
INFORMATION FOR
MR. STEED SHE SEEMED
VERY ~~ONE~~ SURPRISED THAT
I COULD SIGN A PERMIT
WITHOUT A S.O.A.

ASKED HER TO HAVE
MR. STEED CALL ME.
BN

6-13-12 4:30

GAYLE McKEACHNIE
(435) 789-4908

LEFT VOICEMAIL. HE
IS REPRESENTING MR. STEED
AND HAS HAD DIFFICULTY CONTACTING
PEOPLE FROM EL PASO.
BN

6-14-12 9:00

RETURNED CALL TO MR.
McKEACHNIE. HE SAID HE HAS
HAD PROBLEMS CONTACTING EL PASO
I TOLD HIM I WOULD ASK
DAVE ALRED CALL HIM *BN*

06-14-12

9:45

LEFT A MESSAGE FOR
DAVE ALLRED AND
ASKED HIM TO CALL
GAYLE MCKEACHNIE.
BJS

6-19

4.24

DAVE ALLRED LEFT
A MESSAGE THAT SAID
THAT GAYLE MCKEACHNIE
WANTED TO GO OUT AND
LOOK AT THE SITE. HE
FELT THAT THEY HAD ALREADY
HAD THEIR OPPORTUNITY. HE
THINKS THIS IS A DELAYING
TACTIC AND WOULD LIKE
TO MOVE AHEAD.

BJS

6-20

9:55

LEFT MESSAGE FOR DAVE
ALLRED. SAID I DIDN'T
WANT HIM TO BE DELAYED
BUT IF HE COULD QUICKLY
LOOK AT THE SITE WITH
MR. MCKEACHNIE IT MIGHT
BE BEST.

BJS

6-22

1:37

DAVE ALLRED LEFT
MESSAGE. HE SENT
GAYLE MCKEACHNIE THE
INFO HE REQUESTED.
WANTS TO KNOW HOW
LONG HE SHOULD GIVE
HIM TO LOOK AT THE
LOCATION.

BJS

(435) 923-1700

6-27-12

2:45

DAVE ALLRED CALLED
AND SAID HE HAD SENT
GAYLE McKEACHNIE SOME
INFORMATION HE REQUESTED.

GAYLE SAID HE WOULD
FORWARD IT TO HIS CLIENT
AND GET BACK WITH
DAVE FOR A SITE VISIT.
DAVE WANTS TO KNOW
HOW LONG THEY HAVE TO
WAIT. I TOLD HIM I
WOULD CALL GAYLE AND
SEE WHAT THEY HAD IN
MIND.

B.H.

6-28-12

1:50

LEFT A MESSAGE FOR
GAYLE McKEACHNIE
ASKING HIM TO
CALL ME.

6:29

8:14

GALE McKEACHNIE LEFT
A MESSAGE SAID HE
HAD PASSED DOCUMENTS
TO MR. STEEN AND
WAS READY TO MEET
WITH DAVE ALLRED.

B.H.

7-2

8:46

DAVE ALLRED LEFT
MESSAGE AND WANTED
TO KNOW PERMIT
STATUS.

B.H.

7-2-12

9:30

Called GAYLE McKEACHNIE
 HE SAID HE WAS
 READY TO MEET
 WITH DAVID ALLRED
 AND WOULD CALL
 HIM TODAY.

BH

7-2-12

10:00

Called DAVE ALLRED
 AND TOLD HIM I
 HAD JUST SPOKEN WITH
 GAYLE McKEACHNIE AND
 THAT HE WAS READY TO
 MEET. DAVE SAID HE
 WOULD CALL HIM.

BH

7-2

12:40

DAVE ALLRED CALLED
 AND SAID HE IS
 MEETING WITH GAYLE
 McKEACHNIE TOMORROW
 ONSITE. HE WILL
 LET ME KNOW HOW
 IT TURNS OUT.

BH

From: "Allred, David R" <David.Allred@EPEnergy.com>
To: "Bradhill@Utah.gov" <Bradhill@Utah.gov>
Date: 7/3/2012 6:28 PM
Subject: Duchesne land permit

Brad

EP Energy meet with Duchesne Land and their attorney at 5pm July 3rd. They said they would sell the 40 acre lot for 60 thousand, we declined and they said they will take their chance in court. At this point we feel negotiations are over.

Thank you

David Allred

Sent from my Android

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8:55

7-5

GRAYLE MCKENNAWIE
CALLED. HE MET ON SITE
WITH ~~THE~~ EL PASO REPS
THEY DISCUSSED THE
OPTIONS AND COULD NOT
AGREE ON TERMS OR
MOVING THE WELL. I
TOLD HIM I WOULD
BE SIGNING THE PERMIT.

BK

ON-SITE PREDRILL EVALUATION**Utah Division of Oil, Gas and Mining**

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Duchesne Land 4-10C5
API Number 43013512620000 **APD No** 5381 **Field/Unit** ALTAMONT
Location: 1/4,1/4 SESE Sec 10 Tw 3.0S Rng 5.0W 1000 FSL 1000 FEL
GPS Coord (UTM) 548439 4453453 **Surface Owner** Joan A. Steed & Frank J. Steed, Sr.

Participants

David Allred (Allred & Associates Surveying Consultants; Wayne Garner (El Paso); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

The proposed well is located approximately 4.5 miles north, northwest of Duchesne Utah on "West Bench," or the western portion of Blue Bench. The immediate area is mostly open, sagebrush flats with sparse cedar or pinion/juniper habitat. Approximately one-half mile south of this site, the "West Bench" breaks off into an east/west cliff-type topography which is the northern boundary of Starvation Reservoir; 0.5 miles to the west a rocky canyon drains Blacktail Mountain in a southeasterly direction into Starvation. The surface topography east of this site is relatively flat for nearly a mile, then drops into the Duchesne River Drainage which has a southerly flow until it reaches the town of Duchesne Utah.

Surface Use Plan**Current Surface Use**

Deer Winter Range
Wildlife Habitat

**New Road
Miles**

0.67

Well Pad

width 360 Length 425

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y**Environmental Parameters****Affected Floodplains and/or Wetlands** N**Flora / Fauna**

Sagebrush, greasewood, Prickly Pear Cactus, bunch grass; mule deer winter range, potential elk winter range, coyote, rabbit, mountain lion potential, song birds and birds of prey typical to region.

Soil Type and Characteristics

Reddish, fine grain blow sand at surface, see photos.

Erosion Issues N**Sedimentation Issues** N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit

| Site-Specific Factors | | Site Ranking |
|-----------------------------------|-------------------|---------------------------|
| Distance to Groundwater (feet) | 100 to 200 | 5 |
| Distance to Surface Water (feet) | >1000 | 0 |
| Dist. Nearest Municipal Well (ft) | >5280 | 0 |
| Distance to Other Wells (feet) | >1320 | 0 |
| Native Soil Type | High permeability | 20 |
| Fluid Type | Fresh Water | 5 |
| Drill Cuttings | Normal Rock | 0 |
| Annual Precipitation (inches) | | 0 |
| Affected Populations | | |
| Presence Nearby Utility Conduits | Not Present | 0 |
| Final Score | | 30 1 Sensitivity Level |

Characteristics / Requirements

Reserve pit proposed along the southern border of wellsite, measuring 150' long by 110' wide by 12' deep with prevailing winds from the west and being parallel to the wellhead.

Closed Loop Mud Required? Liner Required? Y Liner Thickness 20 Pit Underlayment Required?

Other Observations / Comments

Operator does not have a landowner agreement, landowner is not interested in an agreement and did not attend presite meeting, surface slopes to the north and mostly east and away from Starvation Reservoir which is located approximately one mile south of well site.

Dennis Ingram
Evaluator

4/3/2012
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

| APD No | API WellNo | Status | Well Type | Surf Owner | CBM |
|-----------|---|--------|--------------------|-------------------------------------|-----|
| 5381 | 43013512620000 | LOCKED | OW | P | No |
| Operator | EP ENERGY E&P COMPANY, L.P. | | Surface Owner-APD | Joan A. Steed & Frank J. Steed, Sr. | |
| Well Name | Duchesne Land 4-10C5 | | Unit | | |
| Field | ALTAMONT | | Type of Work | DRILL | |
| Location | SESE 10 3S 5W U 1000 FSL (UTM) 548438E 4453444N | | 1000 FEL GPS Coord | | |

Geologic Statement of Basis

El Paso proposes to set 1,000 feet of conductor and 4,300 feet of surface casing both of which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 1,000 feet. A search of Division of Water Rights records indicates that there are 19 water wells within a 10,000 foot radius of the center of Section 10. These wells range in depth from 52-600 feet. The wells are listed as being used for irrigation, stock watering,, oil exploration and domestic. The proposed drilling, casing and cement program should adequately protect usable ground water in this area.

Brad Hill
APD Evaluator

4/16/2012
Date / Time

Surface Statement of Basis

The surface of this wellsite slopes mostly easterly having six feet of cut along the northwestern corner and two to five feet of fill along the eastern corners. The nearest known surface water is Starvation Reservoir located just under a mile south of the wellsite. There aren't any stability or drainage issues involved with constructing this location. However, the soils are blow-sand at the surface and El Paso shall adhere to their Application to Drill Permit or operating plans and install a 20 mil synthetic liner in the reserve pit to prevent seepage of drilling inot sub-surface rock. No other issues were found or noted during the presite visit.

Attempts were made by Division personnel to contact Joan and Frank Steed by Telephone on March 26th and 27th with no success, therefore a trip was made to their offices on March 28th. The Division was told the Steeds were not there and to check back. The Division told the secretary of Duchesne Land LLC about the scheduled presite meeting and was told the Steeds are not interested in signing a landowner agreement with El Paso. Therefore, a certified letter was sent to their office and post marked March 28, 2012 inviting them to the presite at 9:00 AM on April 3, 2012. The landowner of record did not attend the presite meeting.

Dennis Ingram
Onsite Evaluator

4/3/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

| Category | Condition |
|----------|-----------|
|----------|-----------|

RECEIVED: July 09, 2012

API Well Number: 43013512620000

Pits

A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

CONFIDENTIAL

RECEIVED: July 09, 2012

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/1/2012

API NO. ASSIGNED: 43013512620000

WELL NAME: Duchesne Land 4-10C5

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)

PHONE NUMBER:

CONTACT:

PROPOSED LOCATION: SESE 10 030S 050W

Permit Tech Review: ☒

SURFACE: 1000 FSL 1000 FEL

Engineering Review: ☒

BOTTOM: 1000 FSL 1000 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.23003

LONGITUDE: -110.43063

UTM SURF EASTINGS: 548438.00

NORTHINGS: 4453444.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☒ R649-2-3.☒ Bond: STATE - 400JU0708

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☐ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: Duchesne City

Board Cause No: Cause 139-84

☐ RDCC Review:

Effective Date: 12/31/2008

☐ Fee Surface Agreement

Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells

☐ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 2 - Surface Agreement Exception - bhill
5 - Statement of Basis - bhill
9 - Cement casing to Surface - ddoucet
12 - Cement Volume (3) - ddoucet

RECEIVED: July 09, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Duchesne Land 4-10C5

API Well Number: 43013512620000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 7/9/2012

Issued to:

EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

In accordance with Rule R649-3-34(9), the Division of Oil, Gas and Mining shall establish minimum wellsite restoration requirements for this well. Prior to plugging and abandonment of this well, the operator shall notify the Division and allow the Division to establish such minimum wellsite restoration requirements in advance of the operator commencing plugging and abandonment operations.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

The cement volumes for the 9 5/8" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

Cement volume for the 7" production string shall be determined from actual hole

diameter in order to place cement from the pipe setting depth back to 3860' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read 'J. Rogers', written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):

N3065- El Paso E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

TO: (New Operator):

N3850- EP Energy E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

CA No.

Unit:

N/A

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| See Attached List | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|--|
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases |
| 2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 | | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached | | 8. WELL NAME and NUMBER: See Attached |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | 9. API NUMBER: |
| COUNTY: | | 10. FIELD AND POOL, OR WILDCAT: See Attached |
| STATE: UTAH | | |

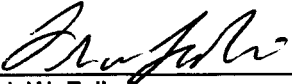
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

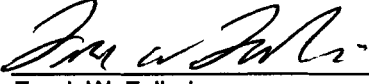
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>Change of</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <u>Name/Operator</u> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

| | |
|---|---|
| NAME (PLEASE PRINT) <u>Maria S. Gomez</u> | TITLE <u>Principal Regulatory Analyst</u> |
| SIGNATURE <u>Maria S. Gomez</u> | DATE <u>6/22/2012</u> |

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012
Rachael Medina
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
Rachael Medina

(See Instructions on Reverse Side)

| Well Name | Sec | TWP | RNG | API Number | Entity | Lease Type | Well Type | Well Status | Conf |
|-------------------------|-----|------|------|------------|--------|----------------|-----------|-------------|------|
| DWR 3-17C6 | 17 | 030S | 060W | 4301350070 | | 14204621118 | OW | APD | C |
| LAKEWOOD ESTATES 3-33C6 | 33 | 030S | 060W | 4301350127 | | 1420H621328 | OW | APD | C |
| YOUNG 3-15A3 | 15 | 010S | 030W | 4301350122 | | FEE | OW | APD | C |
| WHITING 4-1A2 | 01 | 010S | 020W | 4301350424 | | Fee | OW | APD | C |
| EL PASO 4-34A4 | 34 | 010S | 040W | 4301350720 | | Fee | OW | APD | C |
| YOUNG 2-2B1 | 02 | 020S | 010W | 4304751180 | | FEE | OW | APD | C |
| LAKE FORK RANCH 3-10B4 | 10 | 020S | 040W | 4301350712 | 18221 | Fee | OW | DRL | C |
| LAKE FORK RANCH 4-26B4 | 26 | 020S | 040W | 4301350714 | 18432 | Fee | OW | DRL | C |
| LAKE FORK RANCH 4-24B4 | 24 | 020S | 040W | 4301350717 | 18315 | Fee | OW | DRL | C |
| Cook 4-14B3 | 14 | 020S | 030W | 4301351162 | 18449 | Fee | OW | DRL | C |
| Peterson 4-22C6 | 22 | 030S | 060W | 4301351163 | 18518 | Fee | OW | DRL | C |
| Lake Fork Ranch 4-14B4 | 14 | 020S | 040W | 4301351240 | 99999 | Fee | OW | DRL | C |
| Melesco 4-20C6 | 20 | 030S | 060W | 4301351241 | 99999 | Fee | OW | DRL | C |
| Peck 3-13B5 | 13 | 020S | 050W | 4301351364 | 99999 | Fee | OW | DRL | C |
| Jensen 2-9C4 | 09 | 030S | 040W | 4301351375 | 99999 | Fee | OW | DRL | C |
| El Paso 3-5C4 | 05 | 030S | 040W | 4301351376 | 18563 | Fee | OW | DRL | C |
| ULT 6-31 | 31 | 030S | 020E | 4304740033 | | FEE | OW | LA | |
| OBERHANSKY 2-2A1 | 02 | 010S | 010W | 4304740164 | | FEE | OW | LA | |
| DWR 3-15C6 | 15 | 030S | 060W | 4301351433 | | 14-20-H62-4724 | OW | NEW | C |
| Lake Fork Ranch 5-23B4 | 23 | 020S | 040W | 4301350739 | | Fee | OW | NEW | |
| Duchesne Land 4-10C5 | 10 | 030S | 050W | 4301351262 | | Fee | OW | NEW | C |
| Cabinland 4-9B3 | 09 | 020S | 030W | 4301351374 | | Fee | OW | NEW | C |
| Layton 4-2B3 | 02 | 020S | 030W | 4301351389 | | Fee | OW | NEW | C |
| Golinski 4-24B5 | 24 | 020S | 050W | 4301351404 | | Fee | OW | NEW | C |
| Alba 1-21C4 | 21 | 030S | 040W | 4301351460 | | Fee | OW | NEW | C |
| Allison 4-19C5 | 19 | 030S | 050W | 4301351466 | | Fee | OW | NEW | C |
| Seeley 4-3B3 | 03 | 020S | 030W | 4301351486 | | Fee | OW | NEW | C |
| Allen 4-25B5 | 25 | 020S | 050W | 4301351487 | | Fee | OW | NEW | C |
| Hewett 2-6C4 | 06 | 030S | 040W | 4301351489 | | Fee | OW | NEW | C |
| Young 2-7C4 | 07 | 030S | 040W | 4301351500 | | Fee | OW | NEW | C |
| Brighton 3-31A1E | 31 | 010S | 010E | 4304752471 | | Fee | OW | NEW | C |
| Hamaker 3-25A1 | 25 | 010S | 010W | 4304752491 | | Fee | OW | NEW | C |
| Bolton 3-29A1E | 29 | 010S | 010E | 4304752871 | | Fee | OW | NEW | C |
| HORROCKS 5-20A1 | 20 | 010S | 010W | 4301334280 | 17378 | FEE | OW | OPS | C |
| DWR 3-19C6 | 19 | 030S | 060W | 4301334263 | 17440 | 14-20-462-1120 | OW | P | |
| DWR 3-22C6 | 22 | 030S | 060W | 4301334106 | 17298 | 14-20-462-1131 | OW | P | |
| DWR 3-28C6 | 28 | 030S | 060W | 4301334264 | 17360 | 14-20-462-1323 | OW | P | |
| UTE 1-7A2 | 07 | 010S | 020W | 4301330025 | 5850 | 14-20-462-811 | OW | P | |
| UTE 2-17C6 | 17 | 030S | 060W | 4301331033 | 10115 | 14-20-H62-1118 | OW | P | |
| WLR TRIBAL 2-19C6 | 19 | 030S | 060W | 4301331035 | 10250 | 14-20-H62-1120 | OW | P | |
| CEDAR RIM 10-A-15C6 | 15 | 030S | 060W | 4301330615 | 6420 | 14-20-H62-1128 | OW | P | |
| CEDAR RIM 12A | 28 | 030S | 060W | 4301331173 | 10672 | 14-20-H62-1323 | OW | P | |
| UTE-FEE 2-33C6 | 33 | 030S | 060W | 4301331123 | 10365 | 14-20-H62-1328 | OW | P | |
| TAYLOR 3-34C6 | 34 | 030S | 060W | 4301350200 | 17572 | 1420H621329 | OW | P | |
| BAKER UTE 2-34C6 | 34 | 030S | 060W | 4301332634 | 14590 | 14-20-H62-1329 | OW | P | |
| UTE 3-35Z2 K | 35 | 010N | 020W | 4301331133 | 10483 | 14-20-H62-1614 | OW | P | |
| UTE 1-32Z2 | 32 | 010N | 020W | 4301330379 | 1915 | 14-20-H62-1702 | OW | P | |
| UTE TRIBAL 1-33Z2 | 33 | 010N | 020W | 4301330334 | 1851 | 14-20-H62-1703 | OW | P | |
| UTE 2-33Z2 | 33 | 010N | 020W | 4301331111 | 10451 | 14-20-H62-1703 | OW | P | |
| UTE TRIBAL 2-34Z2 | 34 | 010N | 020W | 4301331167 | 10668 | 14-20-H62-1704 | OW | P | |
| LAKE FORK RANCH 3-13B4 | 13 | 020S | 040W | 4301334262 | 17439 | 14-20-H62-1743 | OW | P | |
| UTE 1-28B4 | 28 | 020S | 040W | 4301330242 | 1796 | 14-20-H62-1745 | OW | P | |
| UTE 1-34A4 | 34 | 010S | 040W | 4301330076 | 1585 | 14-20-H62-1774 | OW | P | |
| UTE 1-36A4 | 36 | 010S | 040W | 4301330069 | 1580 | 14-20-H62-1793 | OW | P | |
| UTE 1-1B4 | 01 | 020S | 040W | 4301330129 | 1700 | 14-20-H62-1798 | OW | P | |
| UTE 1-31A2 | 31 | 010S | 020W | 4301330401 | 1925 | 14-20-H62-1801 | OW | P | |

| | | | | | | | | | |
|------------------------------|----|------|------|------------|-------|----------------|----|---|---|
| UTE 1-25A3 | 25 | 010S | 030W | 4301330370 | 1920 | 14-20-H62-1802 | OW | P | |
| UTE 2-25A3 | 25 | 010S | 030W | 4301331343 | 11361 | 14-20-H62-1802 | OW | P | |
| UTE 1-26A3 | 26 | 010S | 030W | 4301330348 | 1890 | 14-20-H62-1803 | OW | P | |
| UTE 2-26A3 | 26 | 010S | 030W | 4301331340 | 11349 | 14-20-H62-1803 | OW | P | |
| UTE TRIBAL 4-35A3 | 35 | 010S | 030W | 4301350274 | 18009 | 1420H621804 | OW | P | C |
| UTE 2-35A3 | 35 | 010S | 030W | 4301331292 | 11222 | 14-20-H62-1804 | OW | P | |
| UTE 3-35A3 | 35 | 010S | 030W | 4301331365 | 11454 | 14-20-H62-1804 | OW | P | |
| UTE 1-6B2 | 06 | 020S | 020W | 4301330349 | 1895 | 14-20-H62-1807 | OW | P | |
| UTE 2-6B2 | 06 | 020S | 020W | 4301331140 | 11190 | 14-20-H62-1807 | OW | P | |
| UTE TRIBAL 3-6B2 | 06 | 020S | 020W | 4301350273 | 18008 | 14-20-H62-1807 | OW | P | C |
| POWELL 4-19A1 | 19 | 010S | 010W | 4301330071 | 8302 | 14-20-H62-1847 | OW | P | |
| COLTHARP 1-27Z1 | 27 | 010N | 010W | 4301330151 | 4700 | 14-20-H62-1933 | OW | P | |
| UTE 1-8A1E | 08 | 010S | 010E | 4304730173 | 1846 | 14-20-H62-2147 | OW | P | |
| UTE TRIBE 1-31 | 31 | 010N | 020W | 4301330278 | 4755 | 14-20-H62-2421 | OW | P | |
| UTE 1-28B6X | 28 | 020S | 060W | 4301330510 | 11165 | 14-20-H62-2492 | OW | P | |
| RINKER 2-21B5 | 21 | 020S | 050W | 4301334166 | 17299 | 14-20-H62-2508 | OW | P | |
| MURDOCK 2-34B5 | 34 | 020S | 050W | 4301331132 | 10456 | 14-20-H62-2511 | OW | P | |
| UTE 1-35B6 | 35 | 020S | 060W | 4301330507 | 2335 | 14-20-H62-2531 | OW | P | |
| UTE TRIBAL 1-17A1E | 17 | 010S | 010E | 4304730829 | 860 | 14-20-H62-2658 | OW | P | |
| UTE 2-17A1E | 17 | 010S | 010E | 4304737831 | 16709 | 14-20-H62-2658 | OW | P | |
| UTE TRIBAL 1-27A1E | 27 | 010S | 010E | 4304730421 | 800 | 14-20-H62-2662 | OW | P | |
| UTE TRIBAL 1-35A1E | 35 | 010S | 010E | 4304730286 | 795 | 14-20-H62-2665 | OW | P | |
| UTE TRIBAL 1-15A1E | 15 | 010S | 010E | 4304730820 | 850 | 14-20-H62-2717 | OW | P | |
| UTE TRIBAL P-3B1E | 03 | 020S | 010E | 4304730190 | 4536 | 14-20-H62-2873 | OW | P | |
| UTE TRIBAL 1-22A1E | 22 | 010S | 010E | 4304730429 | 810 | 14-20-H62-3103 | OW | P | |
| B H UTE 1-35C6 | 35 | 030S | 060W | 4301330419 | 10705 | 14-20-H62-3436 | OW | P | |
| BH UTE 2-35C6 | 35 | 030S | 060W | 4301332790 | 15802 | 14-20-H62-3436 | OW | P | |
| MCFARLANE 1-4D6 | 04 | 040S | 060W | 4301331074 | 10325 | 14-20-H62-3452 | OW | P | |
| UTE TRIBAL 1-11D6 | 11 | 040S | 060W | 4301330482 | 6415 | 14-20-H62-3454 | OW | P | |
| CARSON 2-36A1 | 36 | 010S | 010W | 4304731407 | 737 | 14-20-H62-3806 | OW | P | |
| UTE 2-14C6 | 14 | 030S | 060W | 4301330775 | 9133 | 14-20-H62-3809 | OW | P | |
| DWR 3-14C6 | 14 | 030S | 060W | 4301334003 | 17092 | 14-20-H62-3809 | OW | P | |
| THE PERFECT "10" 1-10A1 | 10 | 010S | 010W | 4301330935 | 9461 | 14-20-H62-3855 | OW | P | |
| BADGER-SAM H U MONGUS 1-15A1 | 15 | 010S | 010W | 4301330949 | 9462 | 14-20-H62-3860 | OW | P | |
| MAXIMILLIAN-UTE 14-1 | 14 | 010S | 030W | 4301330726 | 8437 | 14-20-H62-3868 | OW | P | |
| FRED BASSETT 1-22A1 | 22 | 010S | 010W | 4301330781 | 9460 | 14-20-H62-3880 | OW | P | |
| UTE TRIBAL 1-30Z1 | 30 | 010N | 010W | 4301330813 | 9405 | 14-20-H62-3910 | OW | P | |
| UTE LB 1-13A3 | 13 | 010S | 030W | 4301330894 | 9402 | 14-20-H62-3980 | OW | P | |
| UTE 2-22B6 | 22 | 020S | 060W | 4301331444 | 11641 | 14-20-H62-4614 | OW | P | |
| UINTA OURAY 1-1A3 | 01 | 010S | 030W | 4301330132 | 5540 | 14-20-H62-4664 | OW | P | |
| UTE 1-6D6 | 06 | 040S | 060W | 4301331696 | 12058 | 14-20-H62-4752 | OW | P | |
| UTE 2-11D6 | 11 | 040S | 060W | 4301350179 | 17667 | 1420H624801 | OW | P | |
| UTE 1-15D6 | 15 | 040S | 060W | 4301330429 | 10958 | 14-20-H62-4824 | OW | P | |
| UTE 2-15D6 | 15 | 040S | 060W | 4301334026 | 17193 | 14-20-H62-4824 | OW | P | |
| HILL 3-24C6 | 24 | 030S | 060W | 4301350293 | 18020 | 1420H624866 | OW | P | C |
| BARCLAY UTE 2-24C6R | 24 | 030S | 060W | 4301333730 | 16385 | 14-20-H62-4866 | OW | P | |
| BROTHERSON 1-2B4 | 02 | 020S | 040W | 4301330062 | 1570 | FEE | OW | P | |
| BOREN 1-24A2 | 24 | 010S | 020W | 4301330084 | 5740 | FEE | OW | P | |
| FARNSWORTH 1-13B5 | 13 | 020S | 050W | 4301330092 | 1610 | FEE | OW | P | |
| BROADHEAD 1-21B6 | 21 | 020S | 060W | 4301330100 | 1595 | FEE | OW | P | |
| ASAY E J 1-20A1 | 20 | 010S | 010W | 4301330102 | 8304 | FEE | OW | P | |
| HANSON TRUST 1-5B3 | 05 | 020S | 030W | 4301330109 | 1635 | FEE | OW | P | |
| ELLSWORTH 1-8B4 | 08 | 020S | 040W | 4301330112 | 1655 | FEE | OW | P | |
| ELLSWORTH 1-9B4 | 09 | 020S | 040W | 4301330118 | 1660 | FEE | OW | P | |
| ELLSWORTH 1-17B4 | 17 | 020S | 040W | 4301330126 | 1695 | FEE | OW | P | |
| CHANDLER 1-5B4 | 05 | 020S | 040W | 4301330140 | 1685 | FEE | OW | P | |
| HANSON 1-32A3 | 32 | 010S | 030W | 4301330141 | 1640 | FEE | OW | P | |
| JESSEN 1-17A4 | 17 | 010S | 040W | 4301330173 | 4725 | FEE | OW | P | |

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| JENKINS 1-1B3 | 01 | 020S | 030W | 4301330175 | 1790 | FEE | OW | P | |
| GOODRICH 1-2B3 | 02 | 020S | 030W | 4301330182 | 1765 | FEE | OW | P | |
| ELLSWORTH 1-19B4 | 19 | 020S | 040W | 4301330183 | 1760 | FEE | OW | P | |
| DOYLE 1-10B3 | 10 | 020S | 030W | 4301330187 | 1810 | FEE | OW | P | |
| JOS. SMITH 1-17C5 | 17 | 030S | 050W | 4301330188 | 5510 | FEE | OW | P | |
| RUDY 1-11B3 | 11 | 020S | 030W | 4301330204 | 1820 | FEE | OW | P | |
| CROOK 1-6B4 | 06 | 020S | 040W | 4301330213 | 1825 | FEE | OW | P | |
| HUNT 1-21B4 | 21 | 020S | 040W | 4301330214 | 1840 | FEE | OW | P | |
| LAWRENCE 1-30B4 | 30 | 020S | 040W | 4301330220 | 1845 | FEE | OW | P | |
| YOUNG 1-29B4 | 29 | 020S | 040W | 4301330246 | 1791 | FEE | OW | P | |
| GRIFFITHS 1-33B4 | 33 | 020S | 040W | 4301330288 | 4760 | FEE | OW | P | |
| POTTER 1-2B5 | 02 | 020S | 050W | 4301330293 | 1826 | FEE | OW | P | |
| BROTHERSON 1-26B4 | 26 | 020S | 040W | 4301330336 | 1856 | FEE | OW | P | |
| SADIE BLANK 1-33Z1 | 33 | 010N | 010W | 4301330355 | 765 | FEE | OW | P | |
| POTTER 1-24B5 | 24 | 020S | 050W | 4301330356 | 1730 | FEE | OW | P | |
| WHITEHEAD 1-22A3 | 22 | 010S | 030W | 4301330357 | 1885 | FEE | OW | P | |
| CHASEL MILLER 2-1A2 | 01 | 010S | 020W | 4301330360 | 5830 | FEE | OW | P | |
| ELDER 1-13B2 | 13 | 020S | 020W | 4301330366 | 1905 | FEE | OW | P | |
| BROTHERSON 2-10B4 | 10 | 020S | 040W | 4301330443 | 1615 | FEE | OW | P | |
| FARNSWORTH 2-7B4 | 07 | 020S | 040W | 4301330470 | 1935 | FEE | OW | P | |
| TEW 1-15A3 | 15 | 010S | 030W | 4301330529 | 1945 | FEE | OW | P | |
| UTE FEE 2-20C5 | 20 | 030S | 050W | 4301330550 | 4527 | FEE | OW | P | |
| HOUSTON 1-34Z1 | 34 | 010N | 010W | 4301330566 | 885 | FEE | OW | P | |
| GALLOWAY 1-18B1 | 18 | 020S | 010W | 4301330575 | 2365 | FEE | OW | P | |
| SMITH 1-31B5 | 31 | 020S | 050W | 4301330577 | 1955 | FEE | OW | P | |
| LEBEAU 1-34A1 | 34 | 010S | 010W | 4301330590 | 1440 | FEE | OW | P | |
| LINMAR 1-19B2 | 19 | 020S | 020W | 4301330600 | 9350 | FEE | OW | P | |
| WISSE 1-28Z1 | 28 | 010N | 010W | 4301330609 | 905 | FEE | OW | P | |
| POWELL 1-21B1 | 21 | 020S | 010W | 4301330621 | 910 | FEE | OW | P | |
| HANSEN 1-24B3 | 24 | 020S | 030W | 4301330629 | 2390 | FEE | OW | P | |
| OMAN 2-4B4 | 04 | 020S | 040W | 4301330645 | 9125 | FEE | OW | P | |
| DYE 1-25Z2 | 25 | 010N | 020W | 4301330659 | 9111 | FEE | OW | P | |
| H MARTIN 1-21Z1 | 21 | 010N | 010W | 4301330707 | 925 | FEE | OW | P | |
| JENSEN 1-29Z1 | 29 | 010N | 010W | 4301330725 | 9110 | FEE | OW | P | |
| CHASEL 2-17A1 V | 17 | 010S | 010W | 4301330732 | 9112 | FEE | OW | P | |
| BIRCHELL 1-27A1 | 27 | 010S | 010W | 4301330758 | 940 | FEE | OW | P | |
| CHRISTENSEN 2-8B3 | 08 | 020S | 030W | 4301330780 | 9355 | FEE | OW | P | |
| LAMICQ 2-5B2 | 05 | 020S | 020W | 4301330784 | 2302 | FEE | OW | P | |
| BROTHERSON 2-14B4 | 14 | 020S | 040W | 4301330815 | 10450 | FEE | OW | P | |
| MURRAY 3-2A2 | 02 | 010S | 020W | 4301330816 | 9620 | FEE | OW | P | |
| HORROCKS 2-20A1 V | 20 | 010S | 010W | 4301330833 | 8301 | FEE | OW | P | |
| BROTHERSON 2-2B4 | 02 | 020S | 040W | 4301330855 | 8420 | FEE | OW | P | |
| ELLSWORTH 2-8B4 | 08 | 020S | 040W | 4301330898 | 2418 | FEE | OW | P | |
| OMAN 2-32A4 | 32 | 010S | 040W | 4301330904 | 10045 | FEE | OW | P | |
| BELCHER 2-33B4 | 33 | 020S | 040W | 4301330907 | 9865 | FEE | OW | P | |
| BROTHERSON 2-35B5 | 35 | 020S | 050W | 4301330908 | 9404 | FEE | OW | P | |
| HORROCKS 2-4A1 T | 04 | 010S | 010W | 4301330954 | 9855 | FEE | OW | P | |
| JENSEN 2-29A5 | 29 | 010S | 050W | 4301330974 | 10040 | FEE | OW | P | |
| UTE 2-34A4 | 34 | 010S | 040W | 4301330978 | 10070 | FEE | OW | P | |
| CHANDLER 2-5B4 | 05 | 020S | 040W | 4301331000 | 10075 | FEE | OW | P | |
| BABCOCK 2-12B4 | 12 | 020S | 040W | 4301331005 | 10215 | FEE | OW | P | |
| BADGER MR BOOM BOOM 2-29A1 | 29 | 010S | 010W | 4301331013 | 9463 | FEE | OW | P | |
| BLEAZARD 2-18B4 | 18 | 020S | 040W | 4301331025 | 1566 | FEE | OW | P | |
| BROADHEAD 2-32B5 | 32 | 020S | 050W | 4301331036 | 10216 | FEE | OW | P | |
| ELLSWORTH 2-16B4 | 16 | 020S | 040W | 4301331046 | 10217 | FEE | OW | P | |
| RUST 3-4B3 | 04 | 020S | 030W | 4301331070 | 1576 | FEE | OW | P | |
| HANSON TRUST 2-32A3 | 32 | 010S | 030W | 4301331072 | 1641 | FEE | OW | P | |
| BROTHERSON 2-11B4 | 11 | 020S | 040W | 4301331078 | 1541 | FEE | OW | P | |

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| HANSON TRUST 2-5B3 | 05 | 020S | 030W | 4301331079 | 1636 | FEE | OW | P | |
| BROTHERSON 2-15B4 | 15 | 020S | 040W | 4301331103 | 1771 | FEE | OW | P | |
| MONSEN 2-27A3 | 27 | 010S | 030W | 4301331104 | 1746 | FEE | OW | P | |
| ELLSWORTH 2-19B4 | 19 | 020S | 040W | 4301331105 | 1761 | FEE | OW | P | |
| HUNT 2-21B4 | 21 | 020S | 040W | 4301331114 | 1839 | FEE | OW | P | |
| JENKINS 2-1B3 | 01 | 020S | 030W | 4301331117 | 1792 | FEE | OW | P | |
| POTTER 2-24B5 | 24 | 020S | 050W | 4301331118 | 1731 | FEE | OW | P | |
| POWELL 2-13A2 K | 13 | 010S | 020W | 4301331120 | 8306 | FEE | OW | P | |
| JENKINS 2-12B3 | 12 | 020S | 030W | 4301331121 | 10459 | FEE | OW | P | |
| MURDOCK 2-26B5 | 26 | 020S | 050W | 4301331124 | 1531 | FEE | OW | P | |
| BIRCH 3-27B5 | 27 | 020S | 050W | 4301331126 | 1783 | FEE | OW | P | |
| ROBB 2-29B5 | 29 | 020S | 050W | 4301331130 | 10454 | FEE | OW | P | |
| LAKE FORK 2-13B4 | 13 | 020S | 040W | 4301331134 | 10452 | FEE | OW | P | |
| DUNCAN 3-1A2 K | 01 | 010S | 020W | 4301331135 | 10484 | FEE | OW | P | |
| HANSON 2-9B3 | 09 | 020S | 030W | 4301331136 | 10455 | FEE | OW | P | |
| ELLSWORTH 2-9B4 | 09 | 020S | 040W | 4301331138 | 10460 | FEE | OW | P | |
| UTE 2-31A2 | 31 | 010S | 020W | 4301331139 | 10458 | FEE | OW | P | |
| POWELL 2-19A1 K | 19 | 010S | 010W | 4301331149 | 8303 | FEE | OW | P | |
| CEDAR RIM 8-A | 22 | 030S | 060W | 4301331171 | 10666 | FEE | OW | P | |
| POTTER 2-6B4 | 06 | 020S | 040W | 4301331249 | 11038 | FEE | OW | P | |
| MILES 2-1B5 | 01 | 020S | 050W | 4301331257 | 11062 | FEE | OW | P | |
| MILES 2-3B3 | 03 | 020S | 030W | 4301331261 | 11102 | FEE | OW | P | |
| MONSEN 2-22A3 | 22 | 010S | 030W | 4301331265 | 11098 | FEE | OW | P | |
| WRIGHT 2-13B5 | 13 | 020S | 050W | 4301331267 | 11115 | FEE | OW | P | |
| TODD 2-21A3 | 21 | 010S | 030W | 4301331296 | 11268 | FEE | OW | P | |
| WEIKART 2-29B4 | 29 | 020S | 040W | 4301331298 | 11332 | FEE | OW | P | |
| YOUNG 2-15A3 | 15 | 010S | 030W | 4301331301 | 11344 | FEE | OW | P | |
| CHRISTENSEN 2-29A4 | 29 | 010S | 040W | 4301331303 | 11235 | FEE | OW | P | |
| BLEAZARD 2-28B4 | 28 | 020S | 040W | 4301331304 | 11433 | FEE | OW | P | |
| REARY 2-17A3 | 17 | 010S | 030W | 4301331318 | 11251 | FEE | OW | P | |
| LAZY K 2-11B3 | 11 | 020S | 030W | 4301331352 | 11362 | FEE | OW | P | |
| LAZY K 2-14B3 | 14 | 020S | 030W | 4301331354 | 11452 | FEE | OW | P | |
| MATTHEWS 2-13B2 | 13 | 020S | 020W | 4301331357 | 11374 | FEE | OW | P | |
| LAKE FORK 3-15B4 | 15 | 020S | 040W | 4301331358 | 11378 | FEE | OW | P | |
| STEVENSON 3-29A3 | 29 | 010S | 030W | 4301331376 | 11442 | FEE | OW | P | |
| MEEKS 3-8B3 | 08 | 020S | 030W | 4301331377 | 11489 | FEE | OW | P | |
| ELLSWORTH 3-20B4 | 20 | 020S | 040W | 4301331389 | 11488 | FEE | OW | P | |
| DUNCAN 5-13A2 | 13 | 010S | 020W | 4301331516 | 11776 | FEE | OW | P | |
| OWL 3-17C5 | 17 | 030S | 050W | 4301332112 | 12476 | FEE | OW | P | |
| BROTHERSON 2-24 B4 | 24 | 020S | 040W | 4301332695 | 14652 | FEE | OW | P | |
| BODRERO 2-15B3 | 15 | 020S | 030W | 4301332755 | 14750 | FEE | OW | P | |
| BROTHERSON 2-25B4 | 25 | 020S | 040W | 4301332791 | 15044 | FEE | OW | P | |
| CABINLAND 2-16B3 | 16 | 020S | 030W | 4301332914 | 15236 | FEE | OW | P | |
| KATHERINE 3-29B4 | 29 | 020S | 040W | 4301332923 | 15331 | FEE | OW | P | |
| SHRINERS 2-10C5 | 10 | 030S | 050W | 4301333008 | 15908 | FEE | OW | P | |
| BROTHERSON 2-26B4 | 26 | 020S | 040W | 4301333139 | 17047 | FEE | OW | P | |
| MORTENSEN 4-32A2 | 32 | 010S | 020W | 4301333211 | 15720 | FEE | OW | P | |
| FERRARINI 3-27B4 | 27 | 020S | 040W | 4301333265 | 15883 | FEE | OW | P | |
| RHOADES 2-25B5 | 25 | 020S | 050W | 4301333467 | 16046 | FEE | OW | P | |
| CASE 2-31B4 | 31 | 020S | 040W | 4301333548 | 16225 | FEE | OW | P | |
| ANDERSON-ROWLEY 2-24B3 | 24 | 020S | 030W | 4301333616 | 16284 | FEE | OW | P | |
| SPROUSE BOWDEN 2-18B1 | 18 | 020S | 010W | 4301333808 | 16677 | FEE | OW | P | |
| BROTHERSON 3-11B4 | 11 | 020S | 040W | 4301333904 | 16891 | FEE | OW | P | |
| KOFFORD 2-36B5 | 36 | 020S | 050W | 4301333988 | 17048 | FEE | OW | P | |
| ALLEN 3-7B4 | 07 | 020S | 040W | 4301334027 | 17166 | FEE | OW | P | |
| BOURNAKIS 3-18B4 | 18 | 020S | 040W | 4301334091 | 17264 | FEE | OW | P | |
| MILES 3-12B5 | 12 | 020S | 050W | 4301334110 | 17316 | FEE | OW | P | |
| OWL and HAWK 2-31B5 | 31 | 020S | 050W | 4301334123 | 17388 | FEE | OW | P | |

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| OWL and HAWK 4-17C5 | 17 | 030S | 050W | 4301334193 | 17387 | FEE | OW | P | |
| DWR 3-32B5 | 32 | 020S | 050W | 4301334207 | 17371 | FEE | OW | P | |
| LAKE FORK RANCH 3-22B4 | 22 | 020S | 040W | 4301334261 | 17409 | FEE | OW | P | |
| HANSON 3-9B3 | 09 | 020S | 030W | 4301350065 | 17570 | FEE | OW | P | |
| DYE 2-28A1 | 28 | 010S | 010W | 4301350066 | 17531 | FEE | OW | P | |
| MEEKS 3-32A4 | 32 | 010S | 040W | 4301350069 | 17605 | FEE | OW | P | |
| HANSON 4-8B3 | 08 | 020S | 030W | 4301350088 | 17571 | FEE | OW | P | C |
| LAKE FORK RANCH 3-14B4 | 14 | 020S | 040W | 4301350097 | 17484 | FEE | OW | P | |
| ALLEN 3-9B4 | 09 | 020S | 040W | 4301350123 | 17656 | FEE | OW | P | |
| HORROCKS 4-20A1 | 20 | 010S | 010W | 4301350155 | 17916 | FEE | OW | P | |
| HURLEY 2-33A1 | 33 | 010S | 010W | 4301350166 | 17573 | FEE | OW | P | |
| HUTCHINS/CHIODO 3-20C5 | 20 | 030S | 050W | 4301350190 | 17541 | FEE | OW | P | |
| ALLEN 3-8B4 | 08 | 020S | 040W | 4301350192 | 17622 | FEE | OW | P | |
| OWL and HAWK 3-10C5 | 10 | 030S | 050W | 4301350193 | 17532 | FEE | OW | P | |
| OWL and HAWK 3-19C5 | 19 | 030S | 050W | 4301350201 | 17508 | FEE | OW | P | |
| EL PASO 4-29B5 | 29 | 020S | 050W | 4301350208 | 17934 | FEE | OW | P | C |
| DONIHUE 3-20C6 | 20 | 030S | 060W | 4301350270 | 17762 | FEE | OW | P | |
| HANSON 3-5B3 | 05 | 020S | 030W | 4301350275 | 17725 | FEE | OW | P | C |
| SPRATT 3-26B5 | 26 | 020S | 050W | 4301350302 | 17668 | FEE | OW | P | |
| REBEL 3-35B5 | 35 | 020S | 050W | 4301350388 | 17911 | FEE | OW | P | C |
| FREEMAN 4-16B4 | 16 | 020S | 040W | 4301350438 | 17935 | Fee | OW | P | C |
| WILSON 3-36B5 | 36 | 020S | 050W | 4301350439 | 17936 | Fee | OW | P | C |
| EL PASO 3-21B4 | 21 | 020S | 040W | 4301350474 | 18123 | Fee | OW | P | C |
| IORG 4-12B3 | 12 | 020S | 030W | 4301350487 | 17981 | Fee | OW | P | C |
| CONOVER 3-3B3 | 03 | 020S | 030W | 4301350526 | 18122 | Fee | OW | P | C |
| ROWLEY 3-16B4 | 16 | 020S | 040W | 4301350569 | 18151 | Fee | OW | P | C |
| POTTS 3-14B3 | 14 | 020S | 030W | 4301350570 | 18366 | Fee | OW | P | C |
| POTTER 4-27B5 | 27 | 020S | 050W | 4301350571 | 99999 | Fee | OW | P | C |
| EL PASO 4-21B4 | 21 | 020S | 040W | 4301350572 | 18152 | Fee | OW | P | C |
| LAKE FORK RANCH 3-26B4 | 26 | 020S | 040W | 4301350707 | 18270 | Fee | OW | P | C |
| LAKE FORK RANCH 3-25B4 | 25 | 020S | 040W | 4301350711 | 18220 | Fee | OW | P | C |
| LAKE FORK RANCH 4-23B4 | 23 | 020S | 040W | 4301350713 | 18271 | Fee | OW | P | C |
| LAKE FORK RANCH 4-15B4 | 15 | 020S | 040W | 4301350715 | 18314 | Fee | OW | P | C |
| LAKE FORK RANCH 3-24B4 | 24 | 020S | 040W | 4301350716 | 18269 | Fee | OW | P | C |
| GOLINSKI 1-8C4 | 08 | 030S | 040W | 4301350986 | 18301 | Fee | OW | P | C |
| J ROBERTSON 1-1B1 | 01 | 020S | 010W | 4304730174 | 5370 | FEE | OW | P | |
| TIMOTHY 1-8B1E | 08 | 020S | 010E | 4304730215 | 1910 | FEE | OW | P | |
| MAGDALENE PAPADOPULOS 1-34A1E | 34 | 010S | 010E | 4304730241 | 785 | FEE | OW | P | |
| NELSON 1-31A1E | 31 | 010S | 010E | 4304730671 | 830 | FEE | OW | P | |
| ROSEMARY LLOYD 1-24A1E | 24 | 010S | 010E | 4304730707 | 840 | FEE | OW | P | |
| H D LANDY 1-30A1E | 30 | 010S | 010E | 4304730790 | 845 | FEE | OW | P | |
| WALKER 1-14A1E | 14 | 010S | 010E | 4304730805 | 855 | FEE | OW | P | |
| BOLTON 2-29A1E | 29 | 010S | 010E | 4304731112 | 900 | FEE | OW | P | |
| PRESCOTT 1-35Z1 | 35 | 010N | 010W | 4304731173 | 1425 | FEE | OW | P | |
| BISEL GURR 11-1 | 11 | 010S | 010W | 4304731213 | 8438 | FEE | OW | P | |
| UTE TRIBAL 2-22A1E | 22 | 010S | 010E | 4304731265 | 915 | FEE | OW | P | |
| L. BOLTON 1-12A1 | 12 | 010S | 010W | 4304731295 | 920 | FEE | OW | P | |
| FOWLES 1-26A1 | 26 | 010S | 010W | 4304731296 | 930 | FEE | OW | P | |
| BRADLEY 23-1 | 23 | 010S | 010W | 4304731297 | 8435 | FEE | OW | P | |
| BASTIAN 1-2A1 | 02 | 010S | 010W | 4304731373 | 736 | FEE | OW | P | |
| D R LONG 2-19A1E | 19 | 010S | 010E | 4304731470 | 9505 | FEE | OW | P | |
| D MOON 1-23Z1 | 23 | 010N | 010W | 4304731479 | 10310 | FEE | OW | P | |
| O MOON 2-26Z1 | 26 | 010N | 010W | 4304731480 | 10135 | FEE | OW | P | |
| LILA D 2-25A1 | 25 | 010S | 010W | 4304731797 | 10790 | FEE | OW | P | |
| LANDY 2-30A1E | 30 | 010S | 010E | 4304731895 | 11127 | FEE | OW | P | |
| WINN P2-3B1E | 03 | 020S | 010E | 4304732321 | 11428 | FEE | OW | P | |
| BISEL-GURR 2-11A1 | 11 | 010S | 010W | 4304735410 | 14428 | FEE | OW | P | |
| FLYING J FEE 2-12A1 | 12 | 010S | 010W | 4304739467 | 16686 | FEE | OW | P | |

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| HARVEST FELLOWSHIP CHURCH 2-14B1 | 14 | 020S | 010W | 4304739591 | 16546 | FEE | OW | P | |
| OBERHANSKY 3-11A1 | 11 | 010S | 010W | 4304739679 | 17937 | FEE | OW | P | |
| DUNCAN 2-34A1 | 34 | 010S | 010W | 4304739944 | 17043 | FEE | OW | P | |
| BISEL GURR 4-11A1 | 11 | 010S | 010W | 4304739961 | 16791 | FEE | OW | P | |
| KILLIAN 3-12A1 | 12 | 010S | 010W | 4304740226 | 17761 | ML 39760 | OW | P | |
| WAINOCO ST 1-14B1 | 14 | 020S | 010W | 4304730818 | 1420 | ML-24306-A | OW | P | |
| UTAH ST UTE 1-35A1 | 35 | 010S | 010W | 4304730182 | 5520 | ML-25432 | OW | P | |
| STATE 1-19A4 | 19 | 010S | 040W | 4301330322 | 9118 | ML-27912 | OW | P | |
| FEDERAL 2-28E19E | 28 | 050S | 190E | 4304732849 | 12117 | UTU-0143512 | OW | P | |
| FEDERAL 1-28E19E | 28 | 050S | 190E | 4304730175 | 5680 | UTU143512 | OW | P | |
| BLANCHARD 1-3A2 | 03 | 010S | 020W | 4301320316 | 5877 | FEE | OW | PA | |
| W H BLANCHARD 2-3A2 | 03 | 010S | 020W | 4301330008 | 5775 | FEE | OW | PA | |
| YACK U 1-7A1 | 07 | 010S | 010W | 4301330018 | 5795 | FEE | OW | PA | |
| JAMES POWELL 3 | 13 | 010S | 020W | 4301330024 | 8305 | FEE | WD | PA | |
| BASTIAN 1 (3-7D) | 07 | 010S | 010W | 4301330026 | 5800 | FEE | OW | PA | |
| LAMICQ-URRUTY 1-8A2 | 08 | 010S | 020W | 4301330036 | 5975 | FEE | OW | PA | |
| BLEAZARD 1-18B4 | 18 | 020S | 040W | 4301330059 | 11262 | FEE | OW | PA | |
| OLSEN 1-27A4 | 27 | 010S | 040W | 4301330064 | 1565 | FEE | OW | PA | |
| EVANS 1-31A4 | 31 | 010S | 040W | 4301330067 | 5330 | FEE | OW | PA | |
| HAMBLIN 1-26A2 | 26 | 010S | 020W | 4301330083 | 2305 | FEE | OW | PA | |
| HARTMAN 1-31A3 | 31 | 010S | 030W | 4301330093 | 10700 | FEE | OW | PA | |
| FARNSWORTH 1-7B4 | 07 | 020S | 040W | 4301330097 | 5725 | FEE | OW | PA | |
| POWELL 1-33A3 | 33 | 010S | 030W | 4301330105 | 4526 | FEE | OW | PA | |
| LOTRIDGE GATES 1-3B3 | 03 | 020S | 030W | 4301330117 | 1625 | FEE | OW | PA | |
| REMINGTON 1-34A3 | 34 | 010S | 030W | 4301330139 | 1670 | FEE | OW | PA | |
| ANDERSON 1-28A2 | 28 | 010S | 020W | 4301330150 | 5895 | FEE | OW | PA | |
| RHOADES MOON 1-35B5 | 35 | 020S | 050W | 4301330155 | 5270 | FEE | OW | PA | |
| JOHN 1-3B2 | 03 | 020S | 020W | 4301330160 | 5765 | FEE | OW | PA | |
| SMITH 1-6C5 | 06 | 030S | 050W | 4301330163 | 5385 | FEE | OW | PA | |
| HORROCKS FEE 1-3A1 | 03 | 010S | 010W | 4301330171 | 5505 | FEE | OW | PA | |
| WARREN 1-32A4 | 32 | 010S | 040W | 4301330174 | 9139 | FEE | OW | PA | |
| JENSEN FENZEL 1-20C5 | 20 | 030S | 050W | 4301330177 | 4730 | FEE | OW | PA | |
| MYRIN RANCH 1-13B4 | 13 | 020S | 040W | 4301330180 | 4524 | FEE | OW | PA | |
| BROTHERSON 1-27B4 | 27 | 020S | 040W | 4301330185 | 1775 | FEE | OW | PA | |
| JENSEN 1-31A5 | 31 | 010S | 050W | 4301330186 | 4735 | FEE | OW | PA | |
| ROBERTSON 1-29A2 | 29 | 010S | 020W | 4301330189 | 4740 | FEE | OW | PA | |
| WINKLER 1-28A3 | 28 | 010S | 030W | 4301330191 | 5465 | FEE | OW | PA | |
| CHENEY 1-33A2 | 33 | 010S | 020W | 4301330202 | 1750 | FEE | OW | PA | |
| J LAMICQ STATE 1-6B1 | 06 | 020S | 010W | 4301330210 | 5730 | FEE | OW | PA | |
| REESE ESTATE 1-10B2 | 10 | 020S | 020W | 4301330215 | 5700 | FEE | OW | PA | |
| REEDER 1-17B5 | 17 | 020S | 050W | 4301330218 | 5460 | FEE | OW | PA | |
| ROBERTSON UTE 1-2B2 | 02 | 020S | 020W | 4301330225 | 1710 | FEE | OW | PA | |
| HATCH 1-5B1 | 05 | 020S | 010W | 4301330226 | 5470 | FEE | OW | PA | |
| BROTHERSON 1-22B4 | 22 | 020S | 040W | 4301330227 | 5935 | FEE | OW | PA | |
| ALLRED 1-16A3 | 16 | 010S | 030W | 4301330232 | 1780 | FEE | OW | PA | |
| BIRCH 1-35A5 | 35 | 010S | 050W | 4301330233 | 9116 | FEE | OW | PA | |
| MARQUERITE UTE 1-8B2 | 08 | 020S | 020W | 4301330235 | 9122 | FEE | OW | PA | |
| BUZZI 1-11B2 | 11 | 020S | 020W | 4301330248 | 6335 | FEE | OW | PA | |
| SHISLER 1-3B1 | 03 | 020S | 010W | 4301330249 | 5960 | FEE | OW | PA | |
| TEW 1-1B5 | 01 | 020S | 050W | 4301330264 | 5580 | FEE | OW | PA | |
| EVANS UTE 1-19B3 | 19 | 020S | 030W | 4301330265 | 1870 | FEE | OW | PA | |
| SHELL 2-27A4 | 27 | 010S | 040W | 4301330266 | 1776 | FEE | WD | PA | |
| DYE 1-29A1 | 29 | 010S | 010W | 4301330271 | 99990 | FEE | OW | PA | |
| VODA UTE 1-4C5 | 04 | 030S | 050W | 4301330283 | 4530 | FEE | OW | PA | |
| BROTHERSON 1-28A4 | 28 | 010S | 040W | 4301330292 | 9114 | FEE | OW | PA | |
| MEAGHER 1-4B2 | 04 | 020S | 020W | 4301330313 | 8402 | FEE | OW | PA | |
| NORLING 1-9B1 | 09 | 020S | 010W | 4301330315 | 1811 | FEE | OW | PA | |
| S. BROADHEAD 1-9C5 | 09 | 030S | 050W | 4301330316 | 5940 | FEE | OW | PA | |

| | | | | | | | | |
|------------------------|----|------|------|------------|-------|----------------|----|----|
| TIMOTHY 1-09A3 | 09 | 010S | 030W | 4301330321 | 10883 | FEE | OW | PA |
| BARRETT 1-34A5 | 34 | 010S | 050W | 4301330323 | 9115 | FEE | OW | PA |
| MEAGHER TRIBAL 1-9B2 | 09 | 020S | 020W | 4301330325 | 9121 | FEE | OW | PA |
| PHILLIPS UTE 1-3C5 | 03 | 030S | 050W | 4301330333 | 1816 | FEE | OW | PA |
| ELLSWORTH 1-20B4 | 20 | 020S | 040W | 4301330351 | 6375 | FEE | OW | PA |
| LAWSON 1-28A1 | 28 | 010S | 010W | 4301330358 | 5915 | FEE | OW | PA |
| AMES 1-23A4 | 23 | 010S | 040W | 4301330375 | 1901 | FEE | OW | PA |
| HORROCKS 1-6A1 | 06 | 010S | 010W | 4301330390 | 5675 | FEE | OW | PA |
| SHRINE HOSPITAL 1-10C5 | 10 | 030S | 050W | 4301330393 | 5565 | FEE | OW | PA |
| GOODRICH 1-18B2 | 18 | 020S | 020W | 4301330397 | 5485 | FEE | OW | PA |
| SWD POWELL 3 | 13 | 010S | 020W | 4301330478 | 10708 | FEE | WD | PA |
| BODRERO 1-15B3 | 15 | 020S | 030W | 4301330565 | 4534 | FEE | OW | PA |
| MOON TRIBAL 1-30C4 | 30 | 030S | 040W | 4301330576 | 2360 | FEE | OW | PA |
| DUNCAN 2-9B5 | 09 | 020S | 050W | 4301330719 | 5440 | FEE | OW | PA |
| FISHER 1-16A4 | 16 | 010S | 040W | 4301330737 | 2410 | FEE | OW | PA |
| URRUTY 2-34A2 | 34 | 010S | 020W | 4301330753 | 9117 | FEE | OW | PA |
| GOODRICH 1-24A4 | 24 | 010S | 040W | 4301330760 | 2415 | FEE | OW | PA |
| CARL SMITH 2-25A4 | 25 | 010S | 040W | 4301330776 | 9136 | FEE | OW | PA |
| ANDERSON 1-A30B1 | 30 | 020S | 010W | 4301330783 | 9137 | FEE | OW | PA |
| CADILLAC 3-6A1 | 06 | 010S | 010W | 4301330834 | 6316 | FEE | OW | PA |
| MCELPRANG 2-31A1 | 31 | 010S | 010W | 4301330836 | 8439 | FEE | OW | PA |
| REESE ESTATE 2-10B2 | 10 | 020S | 020W | 4301330837 | 2417 | FEE | OW | PA |
| CLARK 2-9A3 | 09 | 010S | 030W | 4301330876 | 2416 | FEE | OW | PA |
| JENKINS 3-16A3 | 16 | 010S | 030W | 4301330877 | 9790 | FEE | OW | PA |
| CHRISTENSEN 2-26A5 | 26 | 010S | 050W | 4301330905 | 10710 | FEE | OW | PA |
| FORD 2-36A5 | 36 | 010S | 050W | 4301330911 | 9630 | FEE | OW | PA |
| MORTENSEN 2-32A2 | 32 | 010S | 020W | 4301330929 | 9486 | FEE | OW | PA |
| WILKERSON 1-20Z1 | 20 | 010N | 010W | 4301330942 | 5452 | FEE | OW | PA |
| UTE TRIBAL 2-4A3 S | 04 | 010S | 030W | 4301330950 | 10230 | FEE | OW | PA |
| OBERHANSLY 2-31Z1 | 31 | 010N | 010W | 4301330970 | 9262 | FEE | OW | PA |
| MORRIS 2-7A3 | 07 | 010S | 030W | 4301330977 | 9725 | FEE | OW | PA |
| POWELL 2-08A3 | 08 | 010S | 030W | 4301330979 | 10175 | FEE | OW | PA |
| FISHER 2-6A3 | 06 | 010S | 030W | 4301330984 | 10110 | FEE | OW | PA |
| JACOBSEN 2-12A4 | 12 | 010S | 040W | 4301330985 | 10480 | FEE | OW | PA |
| CHENEY 2-33A2 | 33 | 010S | 020W | 4301331042 | 10313 | FEE | OW | PA |
| HANSON TRUST 2-29A3 | 29 | 010S | 030W | 4301331043 | 5306 | FEE | OW | PA |
| BURTON 2-15B5 | 15 | 020S | 050W | 4301331044 | 10205 | FEE | OW | PA |
| EVANS-UTE 2-17B3 | 17 | 020S | 030W | 4301331056 | 10210 | FEE | OW | PA |
| ELLSWORTH 2-20B4 | 20 | 020S | 040W | 4301331090 | 5336 | FEE | OW | PA |
| REMINGTON 2-34A3 | 34 | 010S | 030W | 4301331091 | 1902 | FEE | OW | PA |
| WINKLER 2-28A3 | 28 | 010S | 030W | 4301331109 | 4519 | FEE | OW | PA |
| TEW 2-10B5 | 10 | 020S | 050W | 4301331125 | 1751 | FEE | OW | PA |
| LINDSAY 2-33A4 | 33 | 010S | 040W | 4301331141 | 1756 | FEE | OW | PA |
| FIELDSTED 2-28A4 | 28 | 010S | 040W | 4301331293 | 10665 | FEE | OW | PA |
| POWELL 4-13A2 | 13 | 010S | 020W | 4301331336 | 11177 | FEE | GW | PA |
| DUMP 2-20A3 | 20 | 010S | 030W | 4301331505 | 11691 | FEE | OW | PA |
| SMITH 2X-23C7 | 23 | 030S | 070W | 4301331634 | 12382 | FEE | D | PA |
| MORTENSEN 3-32A2 | 32 | 010S | 020W | 4301331872 | 11928 | FEE | OW | PA |
| TODD USA ST 1-2B1 | 02 | 020S | 010W | 4304730167 | 99998 | FEE | OW | PA |
| STATE 1-7B1E | 07 | 020S | 010E | 4304730180 | 5555 | FEE | OW | PA |
| BACON 1-10B1E | 10 | 020S | 010E | 4304730881 | 5550 | FEE | OW | PA |
| PARIETTE DRAW 28-44 | 28 | 040S | 010E | 4304731408 | 4537 | FEE | OW | PA |
| REYNOLDS 2-7B1E | 07 | 020S | 010E | 4304731840 | 4960 | FEE | OW | PA |
| STATE 2-35A2 | 35 | 010S | 020W | 4301330156 | 4715 | ML-22874 | OW | PA |
| UTAH STATE L B 1-11B1 | 11 | 020S | 010W | 4304730171 | 5530 | ML-23655 | OW | PA |
| STATE 1-8A3 | 08 | 010S | 030W | 4301330286 | 5655 | ML-24316 | OW | PA |
| UTAH FEDERAL 1-24B1 | 24 | 020S | 010W | 4304730220 | 590 | ML-26079 | OW | PA |
| CEDAR RIM 15 | 34 | 030S | 060W | 4301330383 | 6395 | 14-20-462-1329 | OW | S |

| | | | | | | | | | |
|---------------------------|----|------|------|------------|-------|----------------|----|---|--|
| UTE TRIBAL 2-24C7 | 24 | 030S | 070W | 4301331028 | 10240 | 14-20-H62-1135 | OW | S | |
| CEDAR RIM 12 | 28 | 030S | 060W | 4301330344 | 6370 | 14-20-H62-1323 | OW | S | |
| CEDAR RIM 16 | 33 | 030S | 060W | 4301330363 | 6390 | 14-20-H62-1328 | OW | S | |
| SPRING HOLLOW 2-34Z3 | 34 | 010N | 030W | 4301330234 | 5255 | 14-20-H62-1480 | OW | S | |
| EVANS UTE 1-17B3 | 17 | 020S | 030W | 4301330274 | 5335 | 14-20-H62-1733 | OW | S | |
| UTE JENKS 2-1-B4 G | 01 | 020S | 040W | 4301331197 | 10844 | 14-20-H62-1782 | OW | S | |
| UTE 3-12B3 | 12 | 020S | 030W | 4301331379 | 11490 | 14-20-H62-1810 | OW | S | |
| UTE TRIBAL 9-4B1 | 04 | 020S | 010W | 4301330194 | 5715 | 14-20-H62-1969 | OW | S | |
| UTE TRIBAL 2-21B6 | 21 | 020S | 060W | 4301331424 | 11615 | 14-20-H62-2489 | OW | S | |
| UTE 1-33B6 | 33 | 020S | 060W | 4301330441 | 1230 | 14-20-H62-2493 | OW | S | |
| UTE 2-22B5 | 22 | 020S | 050W | 4301331122 | 10453 | 14-20-H62-2509 | OW | S | |
| UTE 1-18B1E | 18 | 020S | 010E | 4304730969 | 9135 | 14-20-H62-2864 | OW | S | |
| LAUREN UTE 1-23A3 | 23 | 010S | 030W | 4301330895 | 9403 | 14-20-H62-3981 | OW | S | |
| UTE 2-28B6 | 28 | 020S | 060W | 4301331434 | 11624 | 14-20-H62-4622 | OW | S | |
| UTE 1-27B6X | 27 | 020S | 060W | 4301330517 | 11166 | 14-20-H62-4631 | OW | S | |
| UTE 2-27B6 | 27 | 020S | 060W | 4301331449 | 11660 | 14-20-H62-4631 | OW | S | |
| CEDAR RIM 10-15C6 | 15 | 030S | 060W | 4301330328 | 6365 | 14-20-H62-4724 | OW | S | |
| UTE 5-30A2 | 30 | 010S | 020W | 4301330169 | 5910 | 14-20-H62-4863 | OW | S | |
| UTE TRIBAL G-1 (1-24C6) | 24 | 030S | 060W | 4301330298 | 4533 | 14-20-H62-4866 | OW | S | |
| UTE TRIBAL FEDERAL 1-30C5 | 30 | 030S | 050W | 4301330475 | 665 | 14-20-H62-4876 | OW | S | |
| SMB 1-10A2 | 10 | 010S | 020W | 4301330012 | 5865 | FEE | OW | S | |
| KENDALL 1-12A2 | 12 | 010S | 020W | 4301330013 | 5875 | FEE | OW | S | |
| CEDAR RIM 2 | 20 | 030S | 060W | 4301330019 | 6315 | FEE | OW | S | |
| URRUTY 2-9A2 | 09 | 010S | 020W | 4301330046 | 5855 | FEE | OW | S | |
| BROTHERSON 1-14B4 | 14 | 020S | 040W | 4301330051 | 1535 | FEE | OW | S | |
| RUST 1-4B3 | 04 | 020S | 030W | 4301330063 | 1575 | FEE | OW | S | |
| MONSEN 1-21A3 | 21 | 010S | 030W | 4301330082 | 1590 | FEE | OW | S | |
| BROTHERSON 1-10B4 | 10 | 020S | 040W | 4301330110 | 1614 | FEE | OW | S | |
| FARNSWORTH 1-12B5 | 12 | 020S | 050W | 4301330124 | 1645 | FEE | OW | S | |
| ELLSWORTH 1-16B4 | 16 | 020S | 040W | 4301330192 | 1735 | FEE | OW | S | |
| MARSHALL 1-20A3 | 20 | 010S | 030W | 4301330193 | 9340 | FEE | OW | S | |
| CHRISTMAN BLAND 1-31B4 | 31 | 020S | 040W | 4301330198 | 4745 | FEE | OW | S | |
| ROPER 1-14B3 | 14 | 020S | 030W | 4301330217 | 1850 | FEE | OW | S | |
| BROTHERSON 1-24B4 | 24 | 020S | 040W | 4301330229 | 1865 | FEE | OW | S | |
| BROTHERSON 1-33A4 | 33 | 010S | 040W | 4301330272 | 1680 | FEE | OW | S | |
| BROTHERSON 1-23B4 | 23 | 020S | 040W | 4301330483 | 8423 | FEE | OW | S | |
| SMITH ALBERT 2-8C5 | 08 | 030S | 050W | 4301330543 | 5495 | FEE | OW | S | |
| VODA JOSEPHINE 2-19C5 | 19 | 030S | 050W | 4301330553 | 5650 | FEE | OW | S | |
| HANSEN 1-16B3 | 16 | 020S | 030W | 4301330617 | 9124 | FEE | OW | S | |
| BROTHERSON 1-25B4 | 25 | 020S | 040W | 4301330668 | 9126 | FEE | OW | S | |
| POWELL 2-33A3 | 33 | 010S | 030W | 4301330704 | 2400 | FEE | OW | S | |
| BROWN 2-28B5 | 28 | 020S | 050W | 4301330718 | 9131 | FEE | OW | S | |
| EULA-UTE 1-16A1 | 16 | 010S | 010W | 4301330782 | 8443 | FEE | OW | S | |
| JESSEN 1-15A4 | 15 | 010S | 040W | 4301330817 | 9345 | FEE | OW | S | |
| R HOUSTON 1-22Z1 | 22 | 010N | 010W | 4301330884 | 936 | FEE | OW | S | |
| FIELDSTED 2-27A4 | 27 | 010S | 040W | 4301330915 | 9632 | FEE | OW | S | |
| HANSKUTT 2-23B5 | 23 | 020S | 050W | 4301330917 | 9600 | FEE | OW | S | |
| TIMOTHY 3-18A3 | 18 | 010S | 030W | 4301330940 | 9633 | FEE | OW | S | |
| BROTHERSON 2-3B4 | 03 | 020S | 040W | 4301331008 | 10165 | FEE | OW | S | |
| BROTHERSON 2-22B4 | 22 | 020S | 040W | 4301331086 | 1782 | FEE | OW | S | |
| MILES 2-35A4 | 35 | 010S | 040W | 4301331087 | 1966 | FEE | OW | S | |
| ELLSWORTH 2-17B4 | 17 | 020S | 040W | 4301331089 | 1696 | FEE | OW | S | |
| RUST 2-36A4 | 36 | 010S | 040W | 4301331092 | 1577 | FEE | OW | S | |
| EVANS 2-19B3 | 19 | 020S | 030W | 4301331113 | 1777 | FEE | OW | S | |
| FARNSWORTH 2-12B5 | 12 | 020S | 050W | 4301331115 | 1646 | FEE | OW | S | |
| CHRISTENSEN 3-4B4 | 04 | 020S | 040W | 4301331142 | 10481 | FEE | OW | S | |
| ROBERTSON 2-29A2 | 29 | 010S | 020W | 4301331150 | 10679 | FEE | OW | S | |
| CEDAR RIM 2A | 20 | 030S | 060W | 4301331172 | 10671 | FEE | OW | S | |

| | | | | | | | | | |
|--------------------|----|------|------|------------|-------|-----|----|----|--|
| HARTMAN 2-31A3 | 31 | 010S | 030W | 4301331243 | 11026 | FEE | OW | S | |
| GOODRICH 2-2B3 | 02 | 020S | 030W | 4301331246 | 11037 | FEE | OW | S | |
| JESSEN 2-21A4 | 21 | 010S | 040W | 4301331256 | 11061 | FEE | OW | S | |
| BROTHERSON 3-23B4 | 23 | 020S | 040W | 4301331289 | 11141 | FEE | OW | S | |
| MYRIN RANCH 2-18B3 | 18 | 020S | 030W | 4301331297 | 11475 | FEE | OW | S | |
| BROTHERSON 2-2B5 | 02 | 020S | 050W | 4301331302 | 11342 | FEE | OW | S | |
| DASTRUP 2-30A3 | 30 | 010S | 030W | 4301331320 | 11253 | FEE | OW | S | |
| YOUNG 2-30B4 | 30 | 020S | 040W | 4301331366 | 11453 | FEE | OW | S | |
| IORG 2-10B3 | 10 | 020S | 030W | 4301331388 | 11482 | FEE | OW | S | |
| MONSEN 3-27A3 | 27 | 010S | 030W | 4301331401 | 11686 | FEE | OW | S | |
| HORROCKS 2-5B1E | 05 | 020S | 010E | 4304732409 | 11481 | FEE | OW | S | |
| LARSEN 1-25A1 | 25 | 010S | 010W | 4304730552 | 815 | FEE | OW | TA | |
| DRY GULCH 1-36A1 | 36 | 010S | 010W | 4304730569 | 820 | FEE | OW | TA | |

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; EP ENERGY E&P COMPANY,L.P.

Well Name: DUCHESNE LAND 4-10C5

Api No: 43-013-51262 Lease Type FEE

Section 10 Township 03S Range 05W County DUCHESNE

Drilling Contractor PETE MARTIN DRILLING RIG # BUCKET

SPUDDED:

Date 07/31/2012

Time 9:00 AM

How DRY

**Drilling will
Commence:**

Reported by WAYNE GARNER

Telephone # (435)454-4236

Date 07/31/2012 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EP Energy E&P Company, L.P.
Address: 1001 Louisiana, Room 2730D
city Houston
state TX zip 77002

Operator Account Number: N 3850

Phone Number: (713) 997-5038

Well 1

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|--------------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|---------------------|
| 4301351262 | Duchesne Land 4-10C5 | | SESE | 10 | 3S | 5W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| A | 999999 | 18644 | 7/31/2012 | | | 7/31/2012 | |
| Comments: <u>WSTC</u> | | | | | | | CONFIDENTIAL |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---------------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|---------------------|
| 4301351364 | Peck 3-13B5 | | SWSE | 13 | 2S | 5W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| A | 99999 | 18645 | 6/15/2012 | | | 7/31/2012 | |
| Comments: <u>GR-WS</u> | | | | | | | CONFIDENTIAL |

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---------------------------|-----------------------|-------------------|-----------|-----|-----|----------------------------------|---------------------|
| 4301351375 | Jensen 2-9C4 | | SWSW | 9 | 3S | 4W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | | Entity Assignment Effective Date | |
| A | 99999 | 18646 | 6/26/2012 | | | 7/31/2012 | |
| Comments: <u>GR-WS</u> | | | | | | | CONFIDENTIAL |

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section).

RECEIVED
JUL 31 2012

Maria S. Gomez

Name (Please Print)

Maria S. Gomez

Signature

Principal Regulatory Analyst

Title

7/31/2012

Date

Jean Sweet - Certified letter--Steed

From: Dennis Ingram
To: Jean Sweet
Date: 3/28/2012 4:43 PM
Subject: Certified letter--Steed
CC: Dan Jarvis
Attachments: scan steed 20120327.jpg; certify doc steed letter.jpg

Attached is the certified letter sent to Joan and Fran Steed this afternoon. The post office told me we can go to their website, enter the numbers on the side of the label and see that the mail was delivered to the Steed mailbox, then do a print screen for documentation. I have kept the original and will attempt to print off the delivery slip and send them both in next week.

Dennis

43 013 51262
Duchesne Land 4-1005
3S 5W 10



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

43-013-51262

Duchesne Land 4-10C5

EP Energy

March 28, 2012

Joan A. Steed
Frank J. Steed
Duchesne Land LLC
P.O. Box 358
Duchesne, Utah 84021

Dear Sir or Madam:

According to Oil & Gas Rule R649-3-18, 1.5., the Utah Division of Oil & Gas is inviting you to attend an Onsite meeting on April 3, 2012 at 9:00 AM to take input and review the surface issues regarding the application for drilling the Duchesne Land 4-10C5. This proposed well is located in the SE/SE of Section 10, Township 3 South, Range 5 West. Interested parties will meet at the Phillips 66 Service Station on the west end of Duchesne by 9:00 AM sharp, which is located at 655 West Main Street along the east side of the parking area and travel to said location. Those wishing to meet on site should be at the location access road by 9:30 AM.

Sincerely,

Dennis L. Ingram
Petroleum Operations Specialist
(435) 722-7584

DLI/

Enclosure

cc:

Wayne Garner, El Paso Oil & Gas

Keith Cooper, Central Utah Water Conservative District



7010 2780 0003 5649 1339

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| Postage | \$ 0.45 | 0170 |
| Certified Fee | \$2.95 | 02 |
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| Total Postage & Fees | \$ 3.40 | 03/28/2012 |

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PS Form 3800, August 2006

See Reverse for Instructions

ROOSEVELT MPO
 ROOSEVELT, Utah
 840666600

4977880170-0097

03/28/2012 (435)722-3231 04:11:50 PM

Sales Receipt

| Product Description | Sale Unit Qty Price | Final Price |
|------------------------|------------------------|----------------|
|------------------------|------------------------|----------------|

| | | |
|------------------------------|--|--------|
| DUCHESNE UT 84021 | | \$0.45 |
| Zone-1 First-Class Letter | | |

0.30 oz.

Expected Delivery: Thu 03/29/12

Certified \$2.95

Label #: 70102780000356491339

Issue PVI: \$3.40

Total: \$3.40

Paid by:

Cash \$10.00

Change Due: -\$6.60

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Track & Confirm

[GET EMAIL UPDATES](#)**YOUR LABEL NUMBER**

70102780000356491339

SERVICE

First-Class Mail ®

STATUS OF YOUR ITEM

Delivered

DATE & TIME

March 29, 2012, 8:37 am

LOCATION

DUCHESNE, UT 84021

FEATURES**Expected Delivery By:**
March 29, 2012
Certified Mail™Notice Left (Receptacle
Full/Item Oversized)

March 29, 2012, 8:07 am

DUCHESNE, UT 84021

Depart USPS Sort
Facility

March 29, 2012

SALT LAKE
CITY, UT 84199Processed at USPS
Origin Sort Facility

March 29, 2012, 1:44 am

SALT LAKE
CITY, UT 84199Dispatched to Sort
Facility

March 28, 2012, 5:07 pm

ROOSEVELT, UT 84066

Acceptance

March 28, 2012, 4:11 pm

ROOSEVELT, UT 84066

Check on Another Item

What's your label (or receipt) number?

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| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: Fee |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: DUCHESNE LAND 4-10C5 | |
| 2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P. | | 9. API NUMBER: 43013512620000 |
| 3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002 | PHONE NUMBER: 713 997-5038 Ext | 9. FIELD and POOL or WILDCAT: ALTAMONT |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1000 FSL 1000 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 10 Township: 03.0S Range: 05.0W Meridian: U | | COUNTY: DUCHESNE |
| | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/26/2012 | <input checked="" type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input checked="" type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> OTHER | OTHER: <input type="text" value="Initial Completion"/> | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to perform initial completion into the Wasatch in 8 stages.
 Please see attached for details.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: September 25, 2012

By: *Derek Duff*

| | | |
|---------------------------------------|------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Maria S. Gomez | PHONE NUMBER 713 997-5038 | TITLE Principal Regulatory Analyst |
| SIGNATURE N/A | | DATE 9/25/2012 |

RECEIVED: Sep. 25, 2012

**Duchesne Land 4-10 C5
Initial Completion
43013512620000**

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 4 1/2" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 4 1/2" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

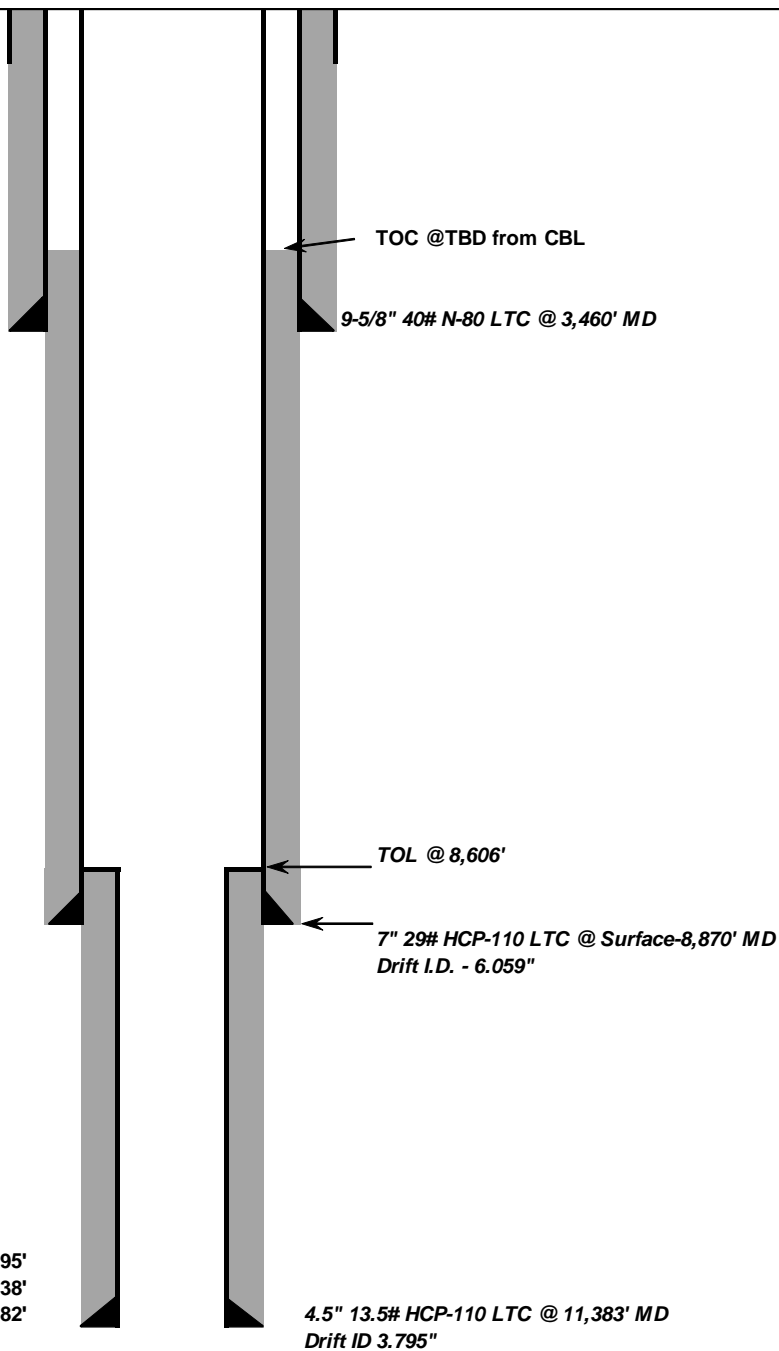
- Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with water. Perforations from ~10937' - 11277' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# HS Resin Coated Sand 20/40.
- Stage 2: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10812'. Test CBP and casing to 8500 psi. Perforations from ~10578' - 10802' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# HS Resin Coated Sand 20/40.
- Stage 3: RU WL unit with 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10536'. Test CBP and casing to 8500 psi. Perforations from ~10235' - 10526' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# HS Resin Coated Sand 20/40.

- Stage 4: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10208'. Test CBP and casing to 8500 psi. Perforations from ~9893' - 10198' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# HS Resin Coated Sand 20/40.
- Stage 5: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9864'. Test CBP and casing to 8500 psi. Perforations from ~9592' - 9854' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# Intermediate Strength Resin Coated Sand 20/40.
- Stage 6: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9584'. Test CBP and casing to 8500 psi. Perforations from ~9407' - 9574' with ~5000 gallons of 15% HCL acid, ~3500# of 100 mesh sand and ~140000# Intermediate Strength Resin Coated Sand 20/40.
- Stage 7: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9384'. Test CBP and casing to 8500 psi. Perforations from ~9169' - 9374' with ~5000 gallons of 15% HCL acid, ~4000# of 100 mesh sand and ~140000# Intermediate Strength Resin Coated Sand 20/40.
- Stage 8: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~9152'. Test CBP and casing to 8500 psi. Perforations from ~8979' - 9142' with ~5000 gallons of 15% HCL acid, ~3500# of 100 mesh sand and ~140000# Intermediate Strength Resin Coated Sand 20/40.



Current Wellbore Schematic

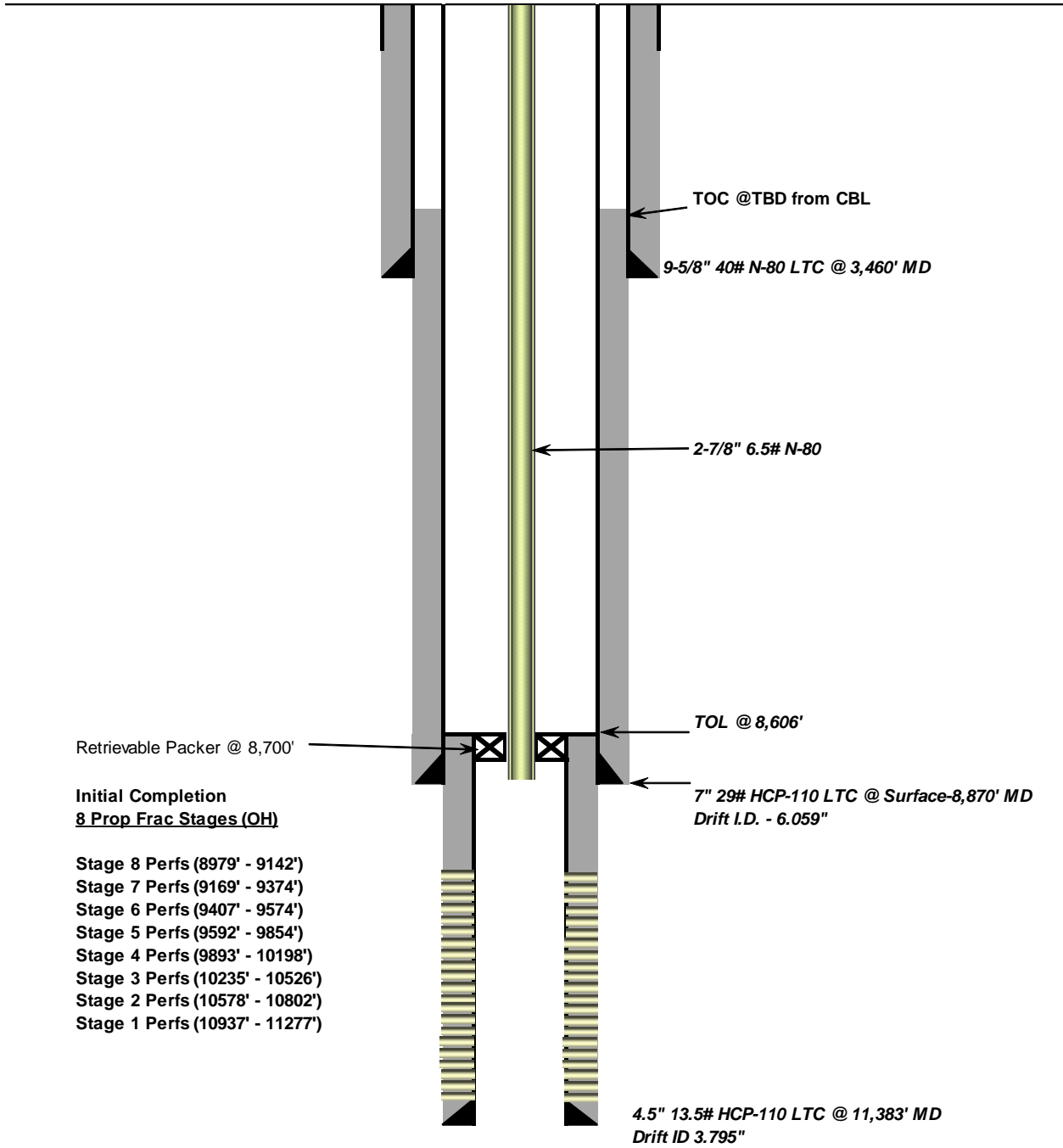
| | |
|--|--------------------------------|
| Company Name: <u>EP Energy</u> | Last Updated: <u>9/20/2012</u> |
| Well Name: <u>Duchesne Land 4-10 C5</u> | By: <u>Holden Mayo</u> |
| Field, County, State: <u>Altamont - Bluebell, Duchesne, Utah</u> | TD: <u>11,383</u> |
| Surface Location: <u>Lat: 40°13'48.322N Long: 110°25'50.120W</u> | BHL: _____ |
| Producing Zone(s): <u>Wasatch</u> | Elevation: _____ |





Initial Completion Wellbore Schematic

| | |
|--|--------------------------------|
| Company Name: <u>EP Energy</u> | Last Updated: <u>9/20/2012</u> |
| Well Name: <u>Duchesne Land 4-10 C5</u> | By: <u>Holden Mayo</u> |
| Field, County, State: <u>Altamont - Bluebell, Duchesne, Utah</u> | TD: <u>11,383</u> |
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| Producing Zone(s): <u>Wasatch</u> | Elevation: _____ |



| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: Fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P. | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 | | 8. WELL NAME and NUMBER: DUCHESNE LAND 4-10C5 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1000 FSL 1000 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 10 Township: 03.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013512620000 |
| PHONE NUMBER: 713 997-5038 Ext | | 9. FIELD and POOL or WILDCAT: ALTAMONT |
| COUNTY: DUCHESNE | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/26/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached for details. FINAL REPORT. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 28, 2012 | | |
| NAME (PLEASE PRINT) Maria S. Gomez | PHONE NUMBER 713 997-5038 | TITLE Principal Regulatory Analyst |
| SIGNATURE N/A | DATE 11/26/2012 | |

1 General

1.1 Customer Information

| | |
|----------------|------------------|
| Company | CENTRAL DIVISION |
| Representative | |
| Address | |

1.2 Well Information

| | | | |
|---------------------|--------------------------------------|----------|----------------------|
| Well | DUCHESNE LAND 4-10C5 | | |
| Project | ALTAMONT FIELD | Site | DUCHESNE LAND 4-10C5 |
| Rig Name/No. | PRECISION DRILLING/404 | Event | DRILLING LAND |
| Start Date | 7/17/2012 | End Date | 9/10/2012 |
| Spud Date/Time | 8/19/2012 | UWI | DUCHESNE LAND 4-10C5 |
| Active Datum | KB @5,956.0ft (above Mean Sea Level) | | |
| Afe No./Description | 143459/46483 / DUCHESNE LAND 4-10C5 | | |

2 Summary

2.1 Operation Summary

| Date | Time Start-End | | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|-----------|----------------|-------|---------------|---------|----------|-----|---------|--------------|---|
| 7/18/2012 | 6:00 | 6:00 | 24.00 | DRLSURF | | | P | 45.0 | RU PROPETRO. DRILLED 17.5" HOLE TO 1020'. RAN 23 JTS 13-3/8" 54.5 # J-55 STC CSG. SET CSG @ 1002'. CMT WITH 1175 SX (241BBLs) 15.8 PPG Y: 1.15 PREMIUM CMT + 2% CACL + 1/4 PPS FLOCEL. HAD 45 BBLs GOOD CMT RETURNED TO SURFACE. RD PROPETRO. |
| 8/18/2012 | 6:00 | 6:00 | 24.00 | MIRU | 01 | | P | 1,020.0 | MOVE IN & RIG UP PD 404. 100% MOVED IN & 50% RIGGED UP. RAFTER WELDING INSTALLED & TESTED 13 3/8" SOW X 13 5/8" 3M CSG HEAD. UNITED ROUSTABOUTS & WESROC TRUCKING NIPPLED UP 13 5/8" DRILLING SPOOL & ANNULAR BOP. |
| 8/19/2012 | 6:00 | 12:00 | 6.00 | MIRU | 01 | | P | 1,020.0 | RU PD 404. RAISED DERRICK. RU PITS. INSTALLED FLOW LINES TO GAS BUSTER. RU FLOOR. RU PITS. |
| | 12:00 | 14:00 | 2.00 | MIRU | 47 | | N | 1,020.0 | REPAIRED DRAW WORKS CONTROL. REPLACED HYD HOSE ON TDU SERVICE LOOP. |
| | 14:00 | 23:00 | 9.00 | MIRU | 01 | | P | 1,020.0 | RU TOP DRIVE. UNITED ROUSTABOUTS RU CHOKE LINES & DUG RIG DITCHES. STARTED EP RIG TIME @ 11:00 PM 8-18-12 |
| | 23:00 | 1:00 | 2.00 | CASCOND | 28 | | P | 1,020.0 | INSTALLED HYD LINES ON ANNULAR BOP & HCR VALVE. NU SPACER SPOOL & ROTATING HEAD. |
| | 1:00 | 6:00 | 5.00 | CASCOND | 19 | | P | 1,020.0 | PSJM. RU WEATHERFORD. LANDED TEST PLUG IN HEAD. TESTED ANNULAR, HCR VALVE / MANUAL VALVE, CHOKE LINE / CHOKES & KILL LINE VALVES, TIW VALVE, MANUAL & HYD TD VALVES, DART VALVE TO 250 PSI / 2500 PSI. STAND PIPE & PUMP LINES TO 250 PSI / 4M PSI. TESTED CHOKE MANIFOLD TO 250 PSI / 10M PSI. VALVE TO FLARE LINE DID NOT TEST. |
| 8/20/2012 | 6:00 | 8:00 | 2.00 | CASCOND | 19 | | N | 1,020.0 | REPAIRED LEAKS ON STANDPIPE & KILL LINE. RETESTED STAND PIPE & PUMP LINES TO 250 PSI / 4M PSI. PULLED TEST PLUG. RD WEATHERFORD. |
| | 8:00 | 9:30 | 1.50 | CASCOND | 28 | | P | 1,020.0 | NU ROT HEAD. RU FLOW LINE. |
| | 9:30 | 14:00 | 4.50 | CASCOND | 14 | | P | 1,020.0 | PU & TIH W/ 12 1/4" Q507 PDC BIT, 9 5/8" 5/6 LOBE 4.0 STAGE .11 RPG SH MTR, SHOCK SUB, (1) 8 1/2" NMDC (5) 8 1/2" DC, (5) 7 7/8" DC, XO SUB, (10) 4 1/2" HWDP & 4 1/2" DP. |
| | 14:00 | 14:30 | 0.50 | CASCOND | 31 | | P | 1,020.0 | TESTED CSG TO 1,000 PSI FOR 30 MIN. |
| | 14:30 | 15:30 | 1.00 | CASCOND | 17 | | P | 1,020.0 | CUT OFF EXCESS DRILL LINE. |
| | 15:30 | 16:30 | 1.00 | CASCOND | 32 | | P | 1,020.0 | DRILLED CMT & FE TO 1002'. WASHED DN TO 1,020'. |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|---------|--------------|-----|------------|-----------------|---|
| | 16:30 17:00 | 0.50 | DRLSURF | 07 | | P | 1,020.0 | DRILLED F/ 1,020' T/ 1,030'. |
| | 17:00 17:30 | 0.50 | DRLSURF | 33 | | P | 1,030.0 | CBU. PERFORMED FIT TO 12.5 EMW (9 PPG MUD/182 PSI). |
| | 17:30 18:00 | 0.50 | DRLSURF | 42 | | P | 1,030.0 | INSTALLED ROTATING HEAD ELEMENT. |
| | 18:00 18:30 | 0.50 | DRLSURF | 12 | | P | 1,030.0 | SERVICED RIG & TDU. |
| | 18:30 19:30 | 1.00 | DRLSURF | 45 | | N | 1,030.0 | CHANGED VALVES & SEATS IN PUMPS. |
| | 19:30 1:30 | 6.00 | DRLSURF | 07 | | P | 1,030.0 | DRILLED F/ 1,030' T/ 1,775'. |
| | 1:30 6:00 | 4.50 | DRLSURF | 45 | | N | 1,775.0 | WASHED OUT MODULE ON PUMP #1. POOH 9 STANDS TO 13 3/8" CSG. STARTED CHANGING OUT MODULE. |
| 8/21/2012 | 6:00 7:00 | 1.00 | DRLSURF | 45 | | N | 1,775.0 | FINISHED CHANGING OUT MODULE. TIH TO 1775'. |
| | 7:00 10:30 | 3.50 | DRLSURF | 07 | | P | 1,775.0 | DRILLED F/ 1775' T/ 2067'. |
| | 10:30 11:00 | 0.50 | DRLSURF | 11 | | P | 2,067.0 | WL SURVEY @ 1993', INC 2.13 DG. AZ 188.58 DG. |
| | 11:00 11:30 | 0.50 | DRLSURF | 12 | | P | 2,067.0 | RIG & TD SERVICE. |
| | 11:30 21:00 | 9.50 | DRLSURF | 07 | | P | 2,067.0 | DRILLED F/ 2067' T/ 2440'. ROP DECLINED TO 14 FPH. |
| | 21:00 21:30 | 0.50 | DRLSURF | 12 | | P | 2,440.0 | RIG & TD SERVICE. TIGHTENED BOLTS ON TD TRACK. |
| | 21:30 22:00 | 0.50 | DRLSURF | 15 | | P | 2,440.0 | MIXED & PUMPED SLUG. DROPPED SURVEY TOOL. |
| | 22:00 1:00 | 3.00 | DRLSURF | 13 | | P | 2,440.0 | POOH W/ NO PROBLEMS. LD 9 5/8" MTR & BIT #1. RETRIEVED SURVEY TOOL. SURVEY @ 2400', INC 1.27 DG. AZ 197.63 DG. |
| | 1:00 1:30 | 0.50 | DRLSURF | 43 | | N | 2,440.0 | REPLACED DIE BLOCK ON GRABBER. |
| | 1:30 3:00 | 1.50 | DRLSURF | 13 | | P | 2,440.0 | PU HUNTING 9 5/8" 9/10 LOBE 4.0 STAGE .09 RPG SH MTR. INSTALLED BAKER 12 1/4" Q506FX BIT. STARTED TIH. |
| | 3:00 4:30 | 1.50 | DRLSURF | 43 | | N | 2,440.0 | REPLACED BROKEN NIPPLE & VALVE ON TD. |
| 8/22/2012 | 4:30 6:00 | 1.50 | DRLSURF | 13 | | P | 2,440.0 | TIH W/ BIT #2. |
| | 6:00 6:30 | 0.50 | DRLSURF | 16 | | P | 2,440.0 | W&R (ROUTINE) F/ 2355' T/ 2440'. |
| | 6:30 7:00 | 0.50 | DRLSURF | 12 | | P | 2,440.0 | RIG & TD SERVICE. |
| 8/23/2012 | 7:00 6:00 | 23.00 | DRLSURF | 07 | | P | 2,440.0 | DRILLED F/ 2440' T/ 3100'. |
| | 6:00 6:30 | 0.50 | DRLSURF | 12 | | P | 3,100.0 | SERVICE RIG & TDU. |
| | 6:30 4:30 | 22.00 | DRLSURF | 07 | | P | 3,100.0 | DRILLED F/ 3,100' T/ 3,460'. TORQUE INCREASED & ROP DECREASED TO 7 - 10 FPH @ 3395'. |
| 8/24/2012 | 4:30 5:00 | 0.50 | DRLSURF | 15 | | P | 3,460.0 | CIRC. TIGHTENED BOLTS ON TD TORQUE TUBE. |
| | 5:00 6:00 | 1.00 | CASSURF | 13 | | P | 3,460.0 | STARTED WIPER TRIP FOR CSG OPERATIONS. |
| | 6:00 9:00 | 3.00 | CASSURF | 13 | | P | 3,460.0 | WIPER TRIP TO SHOE @ 1002' W/ NO PROBLEMS. |
| | 9:00 10:00 | 1.00 | CASSURF | 15 | | P | 3,460.0 | PUMPED HIGH VIS SWEEP. CBU. |
| | 10:00 12:30 | 2.50 | CASSURF | 13 | | P | 3,460.0 | POOH TO BHA. |
| | 12:30 15:00 | 2.50 | CASSURF | 14 | | P | 3,460.0 | LD BHA. CLEARED & CLEANED RIG FLOOR. RD TD BALES & ELEVATORS. |
| | 15:00 0:00 | 9.00 | CASSURF | 24 | | P | 3,460.0 | PJSM. RU FRANKS CSG CREW. MADE UP & PUMPED THROUGH (1) JT SHOE TRACK. RAN 76 JTS OF 9-5/8" 40# N-80 LTC CSG. CIRC BU @ 1000' & 2500'. SET DN @ 3442'. WASHED CSG DN TO TD @ 3460'. NO LOSSES RUNNING CSG & CIRC. LANDED FS @ 3460' & FC @ 3413'. |
| | 0:00 2:00 | 2.00 | CASSURF | 15 | | P | 3,460.0 | C&C MUD @ 7 BPM / 250 PSI W/ NO MUD LOSS. RD FRANKS CSG CREW. PJSM W/ HES. |
| | 2:00 5:00 | 3.00 | CASSURF | 25 | | P | 3,460.0 | RU HES CMT HEAD. TESTED LINES TO 5M PSI. PUMPED 100 BBLS FW, 550 SX (311 BBL) 11 PPG 3.16 YLD 65/35 POZ G CMT & 195 SX (46 BBL) 14.2 PPG 1.35 YLD HALCO LIGHT PREM CMT. DROPPED SINGLE PLUG. DISPLACED W/ 10 BBL FW, 229 BBL 9.3 PPG MUD & 20 BBL FW @ 6 BPM. HAD 60 BBL CMT RETURNED TO SURFACE. BUMPED PLUG TO 1350 PSI @ 4:45 AM. FLOATS HELD. |
| | 5:00 6:00 | 1.00 | CASSURF | 25 | | P | 3,460.0 | RD CEMENTING HEAD. PREPARING TO PERFORM TOP OUT JOB. |
| 8/25/2012 | 6:00 7:00 | 1.00 | CASSURF | 25 | | P | 3,460.0 | RAN 1" PIPE TO 120'. PERFORMED TOP OUT. PUMPED 100 SX (21 BBL) 15.8 PPG 1.17 YLD PREM CMT + 2% CACL2. HAD 8 BBLS CMT RETURNED TO SURFACE. CEMENT DID NOT FALL BACK. |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|---------|--------------|-----|------------|-----------------|--|
| | 7:00 10:00 | 3.00 | CASSURF | 26 | | P | 3,460.0 | WOC. WASHED OUT DIVERTER STACK & FLOW LINE. RD CMT HEAD. PREPARED TO ND DIVERTER STACK. |
| | 10:00 12:30 | 2.50 | CASSURF | 29 | | P | 3,460.0 | PU DIVERTER STACK. ROUGH CUT & LD 9 5/8" CUT OFF JT. ND DIVERTER STACK. |
| | 12:30 16:30 | 4.00 | CASSURF | 27 | | P | 3,460.0 | CUT OFF & REMOVED 13 3/8" X 13 5/8" 3M HEAD. MADE FINAL CUT ON 9 5/8" CSG. INSTALLED 9 5/8" X 11" 5M SOW MULTI BOWL HEAD. TESTED HEAD TO 2M PSI FOR 10 MIN. |
| | 16:30 0:00 | 7.50 | CASSURF | 28 | | P | 3,460.0 | PJSM. NU 11" 10M BOPE. WEATHERFORD TORQUED DN BOLTS WITH TORQUE UNIT. |
| | 0:00 5:00 | 5.00 | CASSURF | 30 | | P | 3,460.0 | PSJM. INSTALLED TEST PLUG. TESTED UPPER & LOWER DP FLEX RAMS, BLINDS, HCR / KILL LINE / MANUAL VALVES 250 / 5M PSI. TESTED ANNULAR 250 / 2,500 PSI. EACH TEST 10 MIN. PULLED TEST PLUG. TESTED CSG TO 2500 PSI / 30 MIN. PULLED TEST PLUG. RD WEATHERFORD. |
| | 5:00 6:00 | 1.00 | CASSURF | 28 | | P | 3,460.0 | NU ROTATING HEAD. RU FLOWLINE. |
| 8/26/2012 | 6:00 6:30 | 0.50 | CASSURF | 28 | | P | 3,460.0 | INSTALLED WEAR BUSHING. |
| | 6:30 7:00 | 0.50 | CASSURF | 12 | | P | 3,460.0 | SERVICED RIG & TDU. |
| | 7:00 11:00 | 4.00 | CASSURF | 14 | | P | 3,460.0 | P/U RYAN ENERGY 6.75" 7/8 LOBE 3.5 STAGE 0.15 RPG 1.5 DEG FBH MUD MOTOR, FLOAT SUB, NMDC, GAP SUB, NMDC. NSTALLED AND TESTED EM TOOL. M/U 8.75" SECURITY MM54D PDC BIT. P/U (17) 6 1/4" DC'S. |
| | 11:00 13:30 | 2.50 | CASSURF | 13 | | P | 3,460.0 | TIH TO 3409'. |
| | 13:30 14:30 | 1.00 | CASSURF | 32 | | P | 3,460.0 | DRILLED CMT & FLOAT EQUIPMENT TO 3460'. |
| | 14:30 15:00 | 0.50 | DRLINT1 | 07 | | P | 3,460.0 | DRILLED F/ 3460' T/ 3470'. |
| | 15:00 15:30 | 0.50 | DRLINT1 | 33 | | P | 3,470.0 | CBU. PERFORMED FIT TO 11.2 PPG EMW (9.3 PPG MUD @ 337 PSI). |
| | 15:30 6:00 | 14.50 | DRLINT1 | 07 | | P | 3,470.0 | DRILLED F/ 3470' T/ 4605'. |
| 8/27/2012 | 6:00 7:00 | 1.00 | DRLINT1 | 07 | | P | 4,605.0 | DRILLED F/ 4605' T/ 4651'. |
| | 7:00 7:30 | 0.50 | DRLINT1 | 12 | | P | 4,651.0 | SERVICED RIG & TDU. |
| | 7:30 10:00 | 2.50 | DRLINT1 | 43 | | N | 4,651.0 | TROUBLE SHOOT & REPAIRED TDU. |
| | 10:00 22:00 | 12.00 | DRLINT1 | 07 | | P | 4,651.0 | DRILLED F/ 4651' T/ 5456'. |
| | 22:00 23:30 | 1.50 | DRLINT1 | 45 | | N | 5,456.0 | LOST 150 PSI PUMP PRESSURE. TROUBLE SHOOT. CIRC W/ #1 PUMP WHILE CHANGING VALVES & SEATS IN #2 PUMP. |
| | 23:30 6:00 | 6.50 | DRLINT1 | 07 | | P | 5,456.0 | DRILLED F/ 5456' T/ 5832'. |
| 8/28/2012 | 6:00 11:00 | 5.00 | DRLINT1 | 07 | | P | 5,832.0 | DRILLED F/ 5,832' T/ 6,201'. |
| | 11:00 12:00 | 1.00 | DRLINT1 | 15 | | N | 6,201.0 | TROUBLE SHOOT EM TOOL. DOWN LINKED EMWD TO CONFIG. # 2 |
| | 12:00 16:30 | 4.50 | DRLINT1 | 07 | | P | 6,201.0 | DRILLED F/ 6,201' T/ 6,484'. |
| | 16:30 17:00 | 0.50 | DRLINT1 | 12 | | P | 6,484.0 | SERVICED RIG & TDU. |
| | 17:00 6:00 | 13.00 | DRLINT1 | 07 | | P | 6,484.0 | DRILLED F/ 6,484' T/ 7,175'. |
| 8/29/2012 | 6:00 6:30 | 0.50 | DRLINT1 | 12 | | P | 7,175.0 | RIG & TOP DRIVE SERVICE. |
| | 6:30 11:00 | 4.50 | DRLINT1 | 07 | | P | 7,175.0 | DRILLED F/ 7,175' T/ 7,535'. |
| | 11:00 11:30 | 0.50 | DRLINT1 | 57 | | N | 7,535.0 | TROUBLE SHOOT EM TOOL. |
| | 11:30 3:30 | 16.00 | DRLINT1 | 07 | | P | 7,535.0 | DRILLED F/ 7,535' T/ 8,359'. |
| | 3:30 4:30 | 1.00 | DRLINT1 | 57 | | N | 8,359.0 | TROUBLE SHOOT EM TOOL. DOWN LINK TOOL. |
| | 4:30 6:00 | 1.50 | DRLINT1 | 07 | | P | 8,359.0 | DRILLED F/ 8,359' T/ 8,440'. |
| 8/30/2012 | 6:00 11:30 | 5.50 | DRLINT1 | 07 | | P | 8,440.0 | DRILL 8,440' - 8,870'. |
| | 11:30 13:00 | 1.50 | EVLINT1 | 15 | | P | 8,870.0 | C&CMUD. |
| | 13:00 23:00 | 10.00 | EVLINT1 | 13 | | P | 8,870.0 | WIPE HOLE TO SHOE AT 3,460' - TIH TO TD 8,870' - NOTE: B/R OUT F: 7,462' / 7,197' - TIH REAM F: 7,228' / 7,414' - 7,979' / 8,067'. |
| | 23:00 1:30 | 2.50 | EVLINT1 | 15 | | P | 8,870.0 | C&CM - MAX B/U GAS: 510 UNITS - HAD FARE AMOUNT OF CAVINGS BACK TO SURFACE ON B/U. |
| | 1:30 2:30 | 1.00 | EVLINT1 | 43 | | N | 8,870.0 | REPAIR GRABBER ON T/D. |
| | 2:30 6:00 | 3.50 | EVLINT1 | 13 | | P | 8,870.0 | TRIP OUT TO LOG. |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|---------|--------------|-----|------------|-----------------|--|
| 8/31/2012 | 6:00 9:00 | 3.00 | EVLINT1 | 13 | | P | 8,870.0 | TRIP OUT TO SURFACE & L/D DIR. TOOLS. |
| | 9:00 15:00 | 6.00 | EVLINT1 | 22 | | P | 8,870.0 | PJSM - RU HES WIRELINE. RIH W/ TRIPLE COMBO - TAGGED BRIDGE @ 7,146'. WORK THROUGH SAME. RIH T/ 8867' WLMD. LOG OUT OF HOLE & R/D. |
| | 15:00 15:30 | 0.50 | CASINT1 | 12 | | P | 8,870.0 | RIG SERVICE. |
| | 15:30 19:30 | 4.00 | CASINT1 | 13 | | P | 8,870.0 | PJSM - M/U RR BIT #3 - TIH FILLING DP EVERY 1,800' - TIH TO SHOE 3,460'. |
| | 19:30 20:30 | 1.00 | CASINT1 | 17 | | P | 8,870.0 | SLIP AND CUT DRILLING LINE. |
| | 20:30 21:30 | 1.00 | CASINT1 | 43 | | N | 8,870.0 | CHANGED OUT HYD GRABBER LIFTING RAM. |
| | 21:30 0:30 | 3.00 | CASINT1 | 13 | | P | 8,870.0 | TRIP IN HOLE 8,870' - HAD 6' OF FILL ON BTM. |
| | 0:30 4:00 | 3.50 | CASINT1 | 15 | | P | 8,870.0 | CIRC. B/U THROUGH GAS BUSTER W/ 10' / 12" FLARE, MAX UNITS OF GAS BACK 303. |
| | 4:00 6:00 | 2.00 | CASINT1 | 14 | | P | 8,870.0 | POOH L/D DRILL STRING. |
| 9/1/2012 | 6:00 11:30 | 5.50 | CASINT1 | 14 | | P | 8,870.0 | FINISHED L/D DRILL STRING |
| | 11:30 12:30 | 1.00 | CASINT1 | 42 | | P | 8,870.0 | PULLED WEAR BUSHING - R/D 4 1/2" ELEVATORS, BAILS |
| | 12:30 14:30 | 2.00 | CASINT1 | 24 | | P | 8,870.0 | HPJSM - FRANKS WESTATES, R/U LONG BAILS, ELEVATORS, FILL UP TOOL, CSG TONGS. |
| | 14:30 20:00 | 5.50 | CASINT1 | 24 | | P | 8,870.0 | MADE UP 7" SHOE TRACK, PUMED THROUGH SAME - RAN 67 JTS OF 7" 29# HCP-110 LTC TO 2,764' - FILL SAME EVERY 1,000'. |
| | 20:00 22:00 | 2.00 | CASINT1 | 71 | | N | 8,870.0 | WORKED ON 350 TON ELEVATORS, FILL UP TOOL - CIRUCALTE B/U WHILE WORKING ON SAME AT 2,764'. |
| | 22:00 6:00 | 8.00 | CASINT1 | 24 | | P | 8,870.0 | RAN 158 JTS OF 7" 29# HCP-110 LTC TO 6,499' - FILL CSG EVERY 1000' - CBU @ 5484' - M/W 9.4 PPG, 43 VIS. - MAX GAS BACK AT 5,484' 105 UNITS. |
| 9/2/2012 | 6:00 15:00 | 9.00 | CASINT1 | 24 | | P | 8,870.0 | FINISH RUNNING 215 JTS (8,944' OAL) OF 7" 29# HCP-110 LTC, SHOE @ 8870'. BREAK CIRC EVERY 1000'. REDUCED MW TO 9.4 PPG & CBU. MU LANDING HANGER & RD FRANKS CSG EQUIP. |
| | 15:00 18:00 | 3.00 | CASINT1 | 25 | | P | 8,870.0 | RU HES CMT HEAD. TEST LINES TO 5K PSI. PUMP 50 BBLS FW, 370 SX (152 BBLS) 12 PPG 2.31 YLD PREMIUM CMT & 90 SX (30.6 BBLS) 12.5 PPG 1.91YLD PREM CMT. DROP TOP PLUG. DISPLACED W/ 327 BBLS OF 9.4 PPG MUD @ 5 BPM & LAST 17 BBLS @ 2.5 BPM. BUMP PLUG TO 1500 PSI. FINAL CIRC PRESS 950 PSI. BUPMED PLUG WITH 1,500 PSI. SHUT DOWN @ 17:00 HR. 09/01/12. FLOATS HELD. RD HES. HAD 28 BBLS OF LOSSES DURING CMT OPS. |
| | 18:00 21:00 | 3.00 | DRLPRD | 27 | | P | 8,870.0 | RU 3 1/2" HANDLING EQUIP. BACK OFF 7" LANDING JT. CLEAN TOP OF 7" HANGER IN WELL HEAD & INSTALL PACK-OFF ASSEMBLY. PRESS TEST SAME TO 5000 PSI. WITTNESSED BY STEVEN BLOEMER. |
| | 21:00 2:00 | 5.00 | DRLPRD | 30 | | P | 8,870.0 | RU & TEST BOPE TO 250 LOW, 10,000 HIGH. TEST ANNULAR TO 250 LOW 4000 HIGH. ALL TEST 10 MINS EACH. |
| | 2:00 3:00 | 1.00 | DRLPRD | 31 | | P | 8,870.0 | TEST 7" CASING TO 2500 PSI FOR 30 MINS. |
| | 3:00 6:00 | 3.00 | DRLPRD | 14 | | P | 8,870.0 | M/U BIT #4 ON 4 3/4" BHA - PICKING UP 3 1/2" DRILL PIPE - TESTING CHOKE MANIFOLD 250 LOW, 10,000 HIGH ALL TESTING AT 10 MINS EACH WHILE PICKING UP 3 1/2" DRILL PIPE. |
| | 6:00 10:30 | 4.50 | DRLPRD | 14 | | P | 8,870.0 | P/U 3 1/2" DRILL PIPE 1,654' - 6,180'. |
| 9/3/2012 | 10:30 11:00 | 0.50 | DRLPRD | 12 | | P | 8,870.0 | SERVICE RIG & TDU. |
| | 11:00 15:00 | 4.00 | DRLPRD | 43 | | N | 8,870.0 | TROUBLE SHOOT GRABBER ON TDU W/ ELECTRICIAN. |
| | 15:00 18:00 | 3.00 | DRLPRD | 14 | | P | 8,870.0 | FINISH P/U 3 1/2" DRILL PIPE 6,180' - 8,690'. |
| | 18:00 19:00 | 1.00 | DRLPRD | 72 | | P | 8,870.0 | DRILL CMT AND FLOAT EQUIP 8,813' - 8,870'. |
| | 19:00 20:00 | 1.00 | DRLPRD | 07 | | P | 8,870.0 | DRILL 8,870' - 8,880'. |
| | 20:00 21:00 | 1.00 | DRLPRD | 15 | | P | 8,880.0 | CIRC AND COND MUD @ 8,880'. |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|---------|--------------|-----|------------|-----------------|---|
| 9/4/2012 | 21:00 21:30 | 0.50 | DRLPRD | 33 | | P | 8,880.0 | PERFORM FIT WITH 9.6 PPG MW, 2300 PSI SURFACE PRESS - EMW OF 14.6 PPG. |
| | 21:30 6:00 | 8.50 | DRLPRD | 07 | | P | 8,880.0 | DRILLED 8,880' - 9,104'. |
| | 6:00 13:30 | 7.50 | DRLPRD | 07 | | P | 9,104.0 | DRILL 9,104' - 9,353'. |
| | 13:30 14:00 | 0.50 | DRLPRD | 12 | | P | 9,353.0 | SERVICE RIG & TDU. |
| | 14:00 6:00 | 16.00 | DRLPRD | 07 | | P | 9,353.0 | DRILL 9,353' - 9,744'. |
| 9/5/2012 | 6:00 8:30 | 2.50 | DRLPRD | 07 | | P | 9,744.0 | DRILL 9,744' - 9,832'. |
| | 8:30 9:00 | 0.50 | DRLPRD | 41 | | P | 9,832.0 | BOP DRILL. |
| | 9:00 12:30 | 3.50 | DRLPRD | 07 | | P | 9,832.0 | DRILL 9,832' - 9,927'. |
| | 12:30 13:00 | 0.50 | DRLPRD | 12 | | P | 9,927.0 | SERVICE RIG & TDU. |
| | 13:00 22:49 | 9.82 | DRLPRD | 07 | | P | 9,927.0 | DRILL 9,927' - 10,345'. |
| 9/6/2012 | 6:00 9:30 | 3.50 | DRLPRD | 07 | | P | 10,345.0 | DRILL 10,345' - 10,402'. |
| | 9:30 10:00 | 0.50 | DRLPRD | 41 | | P | 10,402.0 | BOP DRILL. |
| | 10:00 14:30 | 4.50 | DRLPRD | 07 | | P | 10,402.0 | DRILL 10,402' - 10,497'. |
| | 14:30 15:00 | 0.50 | DRLPRD | 12 | | P | 10,497.0 | SERVICE RIG & TDU. |
| | 15:00 6:00 | 15.00 | DRLPRD | 07 | | P | 10,497.0 | DRILL 10,497' - 10,864'. |
| 9/7/2012 | 6:00 12:30 | 6.50 | DRLPRD | 07 | | P | 10,864.0 | DRILL 10,864' - 10,974'. |
| | 12:30 13:00 | 0.50 | DRLPRD | 12 | | P | 10,974.0 | SERVICE RIG & TDU |
| | 13:00 6:00 | 17.00 | DRLPRD | 07 | | P | 10,974.0 | DRILL 10,974' - 11,340'. |
| 9/8/2012 | 6:00 12:00 | 6.00 | DRLPRD | 07 | | P | 11,340.0 | DRILL 11,340' - 11,383'. |
| | 12:00 14:00 | 2.00 | DRLPRD | 15 | | P | 11,383.0 | SIMULATE CONNECTION & CIRC B/U. |
| | 14:00 16:00 | 2.00 | DRLPRD | 13 | | P | 11,383.0 | PJSM, TRIP OUT OF HOLE. DROP DP RABBIT @ 10,320'. |
| | 16:00 16:30 | 0.50 | DRLPRD | 12 | | P | 11,383.0 | SERVICE RIG & TDU. FUNCTION TEST PIPE RAMS. |
| | 16:30 21:30 | 5.00 | DRLPRD | 13 | | P | 11,383.0 | TRIP OUT OF HOLE TO SURFACE. |
| | 21:30 6:00 | 8.50 | EVLPRD | 22 | | P | 11,383.0 | PJSM, R/U HALLIBURTON, RUN TRIPLE COMBO - LOGGERS WLMD: 11,383'. SECOND RUN: XRMI/DIPOLE SONIC. |
| 9/9/2012 | 6:00 8:30 | 2.50 | EVLPRD | 22 | | P | 11,383.0 | FINISHED 2ND LOG RUN: WAVE SONIC / XRMI - R/D HES |
| | 8:30 15:00 | 6.50 | CASPRD1 | 24 | | P | 11,383.0 | HPJSM RIG, FRANKS WESTATES -PJSM, R/U FRANKES WESTATES CSG CREW & TORQUE TURN. MADE UP & PUMPED THROUGH (86') SHOE TRACK. RIH W/ 4 1/2" 13.5 # HCP-110 LTC CSG, MADE UP A TOTAL OF 65 JTS, 1 MARKER PUP (2,736'). MADE UP VERSAFLEX LINER HANGER ASSEMBLY, SETTING TOOL - PUMPED THRU SAME - R/D FRANKS WESTATES. |
| | 15:00 4:30 | 13.50 | CASPRD1 | 13 | | P | 11,383.0 | TRIP IN HOLE WITH 4 1/2" PROD LNR ON 3 1/2" DRILL PIPE. FILL PIPE EVERY 1000' & BREAK CIRC. CIRC B/U EVERY 2,000'. RIH @ 65 FPM IN CASSED HOLE, 45 FPM IN OPEN HOLE TO 11,290'. |
| | 4:30 6:00 | 1.50 | CASPRD1 | 15 | | P | 11,383.0 | BREAK CIRCUALTION - CIR AND COND MUD. |
| 9/10/2012 | 6:00 8:00 | 2.00 | CASPRD1 | 15 | | P | 11,383.0 | CIR AT 11,383' TD |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|---------|--------------|-----|------------|-----------------|--|
| | 8:00 11:00 | 3.00 | CASPRD1 | 25 | | P | 11,383.0 | HELD SAFETY MEETING, RIG UP HALLIBURTON. PRESSURE TEST LINES TO 9,500 PSI. PUMP 20 BBLS 12.0 PPG TUNED SPACER III, MIXED: 220 SX (63 BBLS) 12.3 PPG YIELD:1.61, M/W: 6.40 GALS / SK - DROP DP WIPER DART, DISPLACED W/ 40 BBLS FRESH WATER WITH 2% CLAY WEB, THEN 13 BBLS OF MUD, ENGAUGED LNR WIPER PLUG & DISPLACED WITH TOTAL OF 104 BBLS TO BUMP PLUG WITH 2537 PSI, CEMENT IN PLACE AT 10:43 HRS 9/09/12, FLOATS HELD, HAD 3/4 OF A BARREL BACK. DROPPED PACKER SETTING BALL, PUMPED 31 BARRELS, RUPTURE CIR. DISC WITH 5,310 PSI, PUMPED 35 BBLS BALL SET PACKER ELEMENTS WITH 8,290 PSI. HAD FULL RETURNS THROUGH OUT JOB. FLOATS HELD. 4.5" 13.50# HCP-110 LNR: TOP OF PBR = 8,606'. MARKERS JOINT AT 10,371' / 10,381' LANDING COLLAR = 11,295' FLOAT COLLAR = 11,338' CASING SHOE = 11,382'. |
| | 11:00 11:30 | 0.50 | CASPRD1 | 24 | | P | 11,383.0 | PULL TEST LINER HANGER, MAX PULL WAS 50M OVER STRING WT OF 140 K, (195K). SET BACK DOWN WITH 50M. BELOW STRING WT OF 145K, RELEASE FROM LINER. |
| | 11:30 12:30 | 1.00 | CASPRD1 | 15 | | P | 11,383.0 | CIRCULATED 2 BOTTOMS UP, HAD TUNED SPACER AND 17 BBLS OF GOOD SPACER BACK TO SURFACE. |
| | 12:30 13:00 | 0.50 | CASPRD1 | 31 | | P | 11,383.0 | POSITIVE TESTED LNR PACKER WITH 1,000 PSI FOR 10 MINUTES, OK!. |
| | 13:00 14:00 | 1.00 | CASPRD1 | 15 | | P | 11,383.0 | DISPALCED MUD FROM 7" CSG AT 8,591' WITH 330 BBLS OF 2% CLAY WEB WATER BACK TO SURFACE. |
| | 14:00 14:30 | 0.50 | CASPRD1 | 25 | | P | 11,383.0 | R/D LNR CEMENTING HEAD AND LINES. |
| | 14:30 15:00 | 0.50 | CASPRD1 | 12 | | P | 11,383.0 | RIG SERVICE. |
| | 15:00 4:30 | 13.50 | CASPRD1 | 14 | | P | 11,383.0 | LAY DOWN 3 1/2" DRILL PIPE. |
| | 4:30 6:00 | 1.50 | CASPRD1 | 29 | | P | 11,383.0 | N/D BOPE |
| | 6:00 14:30 | 8.50 | CASPRD1 | 29 | | P | 11,383.0 | PJSM. N/D FLOW LINE, ROT HEAD, ANNULAR, TRIPLE GATE, B-SECTION, HCR/KILL LINES - CHOKE LINES, GAS BUSTER FLARE LINES TORE OUT BY UNITED ROUSTABOUTS SERVICE. |
| 9/11/2012 | 14:30 18:00 | 3.50 | CASPRD1 | 27 | | P | 11,383.0 | PJSM W/ WEATHERFORD. INSTALL 11 1/2" X 7 1/16" 10K TBG HEAD. TEST TO 5,000 PSI FOR 5 MINS. INSTALL FRAC VALVE. MUD TANKS CLEAN BY UNITED ROUSTABOUT SERVICE - RIG RELEASED @ 19:00 HRS 09/10/12. |
| | 18:00 23:30 | 5.50 | RDMO | 02 | | P | 11,383.0 | R/D TOP DRIVE - HAD HIGH WINDS COME THROUGH AREA. |
| | 23:30 6:00 | 6.50 | RDMO | 02 | | N | 11,383.0 | R/D TORQUE TUBE. |

1 General

1.1 Customer Information

| | |
|----------------|------------------|
| Company | CENTRAL DIVISION |
| Representative | |
| Address | |

1.2 Well Information

| | | | |
|---------------------|--------------------------------------|----------|----------------------|
| Well | DUCHESNE LAND 4-10C5 | | |
| Project | ALTAMONT FIELD | Site | DUCHESNE LAND 4-10C5 |
| Rig Name/No. | | Event | COMPLETION LAND |
| Start Date | 9/17/2012 | End Date | |
| Spud Date/Time | 8/19/2012 | UWI | DUCHESNE LAND 4-10C5 |
| Active Datum | KB @5,956.0ft (above Mean Sea Level) | | |
| Afe No./Description | 143459/46483 / DUCHESNE LAND 4-10C5 | | |

2 Summary

2.1 Operation Summary

| Date | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|-----------|----------------|---------------|--------|----------|-----|---------|--------------|--|
| 9/20/2012 | 6:00 7:00 | 1.00 | WLWORK | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE |
| | 7:00 11:30 | 4.50 | WLWORK | 17 | | P | | CSIP 0 PSI TIH w 3.50 GAUGE RING TAG 11223' TOH w GAUGE RING (RETRIEVE RUBBER AND FORMATION) R/D WAIT ON ORDERS |
| | 11:30 15:00 | 3.50 | POST | 18 | | P | | WAIT ON RIG RAOD FROM 2-4B4 TO LOCATION |
| | 15:00 19:30 | 4.50 | MIRU | 01 | | P | | MIRU N/D FRAC HEAD N/U BOPE SPOT & RACK TBG CATWALK SECURE WELL SDFN |
| 9/21/2012 | 6:00 7:00 | 1.00 | WBP | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PICKING UP TUBING |
| | 7:00 8:00 | 1.00 | WBP | 18 | | P | | TEST BOPE OK |
| | 8:00 19:00 | 11.00 | WBP | 39 | | P | | TALLY 2 3/8" TBG P/U 3 3/4" ROCK BIT 2 3/8" REG X 2 3/8" EUE BIT SUB TIH w 86 JTS OF 2 3/8" TBG XO TO 2 7/8" TBG CONTINUE P/U 268 JTS OF 2 7/8" TBG TAG AT 11230' PICK 20' R/U POWER SWIVEL PMP AND LINES SECURE WELL SDFN |
| 9/22/2012 | 6:00 7:30 | 1.50 | WBP | 28 | | P | | CREW TRAVELED SAFETY MEETING ON POWER SWIVEL FILED OUT JSA |
| | 7:30 10:00 | 2.50 | WBP | 10 | | P | | BROKE CIRCULATION. WASHED FROM 11230 TO LANDING COLLAR @ 11295' DRILLED COLLAR PLUS 25' TO 11320' CIRCULATE WELL W/ 425 BBLs KCL RACKED OUT POWER SWIVEL. |
| | 10:00 17:30 | 7.50 | PRDHEQ | 24 | | P | | LD 271-JTS 2 7/8 L-80, X-OVER, 86-JTS 2 3/8 N-80 EUE TBG, BIT SUB AND BIT. SECURED WELL SDFN. |
| 9/23/2012 | 6:00 7:30 | 1.50 | WLWORK | 28 | | P | | CREW TRAVEL HELD SAFETY MEETING ON WIRELINE SAFETY FILLED OUT JSA. |
| | 7:30 13:30 | 6.00 | WLWORK | 22 | | P | | RU WIRELINE RAN RADIAL CBL GAMMA RAY CCL OG FROM 11323' TO 3100'. RD WIRELINE. |
| | 13:30 15:00 | 1.50 | WBP | 18 | | P | | PRESSURED TESTED CSG W/ HOT OILER TO 4600 PSI. RU 4 STAR PRESSURED CSG TO 7800 PSI. PE SEALWHERE 7" CSG IS LANDED STARTED TO LEAK. BLED DOWN WELL SECURED WELL SDFN. |
| 9/24/2012 | 6:00 7:30 | 1.50 | WBP | 28 | | P | | CREW TRAVEL HELD SAFETY MEETING ON ND BOP FILLED OUT JSA |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|------------------|---------|----------|-----|------------|-----------------|--|
| 9/25/2012 | 7:30 9:00 | 1.50 | WBP | 16 | | P | | ND BOP AND CSG HEAD CHANGED OUT PE SEAL IN 7" CSG HEAD. NU BOP AND WELLHEAD. |
| | 9:00 10:30 | 1.50 | WBP | 18 | | P | | PRESSURE TEST CSG TO 9000 PSI FOR 30 MINS HELD BLED DOWN PRESSURE. |
| | 10:30 11:30 | 1.00 | RDMO | 02 | | P | | SECURED WELL. RD RIG AND MOVED TO THE 2-10C5 SDFN. |
| | 6:00 7:00 | 1.00 | SITEPRE | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP |
| | 7:00 17:30 | 10.50 | SITEPRE | 01 | | P | | MIRU ISOLATION TOOL START HEATING FRAC TANK R/U MANIFOLD R/U & TEST FLOW BACK LINES 7" AND 9 5/8" TO FLOW BACK TANKS MIRR FRAC EQUIPMENT |
| 9/26/2012 | 16:30 18:00 | 1.50 | STG01 | 21 | | P | | R/U WIRELINE TEST LUBRICATOR OK PERFORATE STAGE 1 PERFORATIONS 11277' TO 10937', 21 NET FEET 63 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS STARTING PRESSURE 1000 PSI END PRESSURE 1000 PSI TOH w WIRELINE SECURE WELL SDFN |
| | 6:00 7:00 | 1.00 | STG01 | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRACTURING ORIENTATE ALL EMPLOYEES NEW TO EP ENERGY |
| | 7:00 9:30 | 2.50 | STG01 | 35 | | P | | FINSIH RIGGING UP OFF LOAD AND MIX ACID AND CHEMICALS HOLD PREJOB SAFETY MEETING |
| | 9:30 12:30 | 3.00 | STG01 | 35 | | P | | STAGE 1; PRESSURE TEST LINES TO 9025 PSI. OPEN WELL. SICP 312 PSI. BREAK DOWN STAGE 1 PERFORATIONS 11277' TO 10937' AT 4419 PSI, PUMPING 9 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3671 PSI. F.G. .76, 5 MINUTE 3607 PSI. 10 MINUTE 3558 PSI. 15 MINUTE 3497 PSI. WAIT ON PROTECHNIC AS PER PETER SCHMELTZ FRAC WITHOUT PROTECHNIC OPEN WELL WITH 2919 PSI START FRAC 11:54 STAGE 1... AS PER PROCEDURE PAD 100M SPACER 1# POWERPROP 2# POWERPROP 3# POWERPROP 3.5# POWERPROP 4# POWERPROP STG FLUSH TO TOP PERF...ISDP 4151PSI. AVG RATE 67 BPM. AVG PSI 5515 PSI. MAX PSI 7739 PSI. MAX RATE 73 BPM TTL PROP 133000 TURN OVER TO WIRELINE |
| | 12:30 14:00 | 1.50 | STG02 | 21 | | P | | STAGE 2; SET COMPOSITE FRAC PLUG AT 10812' PRESSURE ON WELL 3600 PSI PERFORATE STAGE 2 PERFORATIONS 10802' TO 10564', 22 NET FEET 66 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3400 PSI |
| | 14:00 16:00 | 2.00 | STG02 | 35 | | P | | STAGE 2; PRESSURE TEST LINES TO 8930 PSI. OPEN WELL. SICP 2596 PSI. BREAK DOWN STAGE 2 PERFORATIONS 10802' TO 10564' AT 6212 PSI, PUMPING 10.2 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3812 PSI. F.G. .79, 5 MINUTE 3777 PSI. 10 MINUTE 3740 PSI. 15 MINUTE 3701 PSI. STAGE 2... AS PER PROCEDURE PAD 100M SPACER 1# POWERPROP 2# POWERPROP 3# POWERPROP 3.5# POWERPROP 4# POWERPROP STG FLUSH TO TOP PERF...ISDP 4138 PSI. AVG RATE 68 BPM. AVG PSI 4950 PSI. MAX PSI 7893 PSI. MAX RATE 71 BPM TTL PROP 113000 TURN OVER TO WIRELINE |
| | 16:00 17:30 | 1.50 | STG03 | 21 | | P | | STAGE 3; SET COMPOSITE FRAC PLUG AT 10536' PRESSURE ON WELL 3600 PSI PERFORATE STAGE 3 PERFORATIONS 10524' TO 10232', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3400 PSI |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|------------------|-------|----------|-----|------------|-----------------|--|
| | 17:30 19:00 | 1.50 | STG03 | 35 | | P | | STAGE 3; R/U PROTECHNIC TO TRACE PRESSURE TEST LINES TO 8978 PSI. OPEN WELL SICP 0 PSI. BREAK DOWN STAGE 3 PERFORATIONS 10524' TO 10232' AT 320 PSI, PUMPING 4 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3618 PSI. F.G. .78, 5 MINUTE 2802 PSI. 10 MINUTE 1789 PSI. 15 MINUTE 1020 PSI. STAGE 3... AS PER HOLDEN MAYO PAD DOUBLE 100M SPACER 1# POWERPROP 2# POWERPROP 3# POWERPROP 3.5# POWERPROP 4# POWERPROP STG FLUSH TO TOP PERF...ISDP 4447 PSI. AVG RATE 67 BPM. AVG PSI 5476 PSI. MAX PSI 7623 PSI. MAX RATE 71 BPM TTL PROP 126000 TURN OVER TO WIRELINE |
| | 19:00 20:30 | 1.50 | STG04 | 21 | | P | | STAGE 4; SET COMPOSITE FRAC PLUG AT 10208' PRESSURE ON WELL 3500 PSI PERFORATE STAGE 4 PERFORATIONS 10195' TO 9888', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 200 PSI SECURE WELL SDFN |
| 9/27/2012 | 6:00 7:00 | 1.00 | STG04 | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRACTURING |
| | 7:00 10:00 | 3.00 | STG04 | 35 | | P | | STAGE 4; PRESSURE TEST LINES TO 8847 PSI. OPEN WELL SICP 0 PSI. BREAK DOWN STAGE 4 PERFORATIONS 10195' TO 9888' AT 3750 PSI, PUMPING 10 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3362 PSI. F.G. .77, 5 MINUTE 1665 PSI. 10 MINUTE 1383 PSI. 15 MINUTE 1235 PSI. STAGE 4... AS PER HOLDEN MAYO PAD DOUBLE 100M SPACER 1# POWERPROP 2# POWERPROP 3# POWERPROP 3.5# POWERPROP 4# POWERPROP STG FLUSH TO TOP PERF...ISDP 4167 PSI. AVG RATE 67 BPM. AVG PSI 5262 PSI. MAX PSI 6856 PSI. MAX RATE 72 BPM TTL PROP 120000 TURN OVER TO WIRELINE |
| | 10:00 11:00 | 1.00 | STG05 | 21 | | P | | STAGE 5; SET COMPOSITE FRAC PLUG AT 9864' PRESSURE ON WELL 2900 PSI PERFORATE STAGE 5 PERFORATIONS 9849' TO 9587', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 1800 PSI |
| | 11:00 12:30 | 1.50 | STG05 | 35 | | P | | STAGE 5; PRESSURE TEST LINES TO 8814 PSI. OPEN WELL. SICP 2023 PSI. BREAK DOWN STAGE 5 PERFORATIONS 9849' TO 9587' AT 3662 PSI, PUMPING 10.2 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3155 PSI. F.G. .71, 5 MINUTE 2034 PSI. 10 MINUTE 1883 PSI. 15 MINUTE 1822 PSI. STAGE 5... AS PER HOLDEN MAYO ADD 1000# OF 100M PAD 100M SPACER 1# RUN OUT 18K POWER PROP FINISH TLC PROP 2# TLC PROP 3# TLC PROP 3.5# TLC PROP 4# TLC PROP STG FLUSH TO TOP PERF...ISDP 3638 PSI. AVG RATE 68 BPM. AVG PSI 4582 PSI. MAX PSI 6183 PSI. MAX RATE 73 BPM TTL PROP 134000 TURN OVER TO WIRELINE |
| | 12:30 13:30 | 1.00 | STG06 | 21 | | P | | STAGE 6; SET COMPOSITE FRAC PLUG AT 9584' PRESSURE ON WELL 2400 PSI PERFORATE STAGE 6 PERFORATIONS 9568' TO 9399', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3000 PSI |
| | | | | | | | | |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|------------------|-------|----------|-----|------------|-----------------|---|
| | 13:30 15:30 | 2.00 | STG06 | 35 | | P | | STAGE 6; PRESSURE TEST LINES TO 9002 PSI. OPEN WELL. SICP 2766 PSI. BREAK DOWN STAGE 6 PERFORATIONS 9568' TO 9399' AT 4130 PSI, PUMPING 10 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3398 PSI. F.G. .79, 5 MINUTE 3077 PSI. 10 MINUTE 2949 PSI. 15 MINUTE 2812 PSI. STAGE 6... AS PER PROCEDURE 100M PAD 100M SPACER 1# TLC PROP 2# TLC PROP 3# TLC PROP 3.5# TLC PROP 4# TLC PROP STG FLUSH TO TOP PERF...ISDP 4310 PSI. AVG RATE 61 BPM. AVG PSI 4465 PSI. MAX PSI 6156 PSI. MAX RATE 72 BPM TTL PROP 143000 TURN OVER TO WIRELINE |
| | 15:30 16:30 | 1.00 | STG07 | 21 | | P | | STAGE 7; SET COMPOSITE FRAC PLUG AT 9384' PRESSURE ON WELL 2400 PSI PERFORATE STAGE 7 PERFORATIONS 9367' TO 9162', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3000 PSI |
| | 16:30 18:00 | 1.50 | STG07 | 35 | | P | | STAGE 7; PRESSURE TEST LINES TO 9050 PSI. OPEN WELL. SICP 2252 PSI. BREAK DOWN STAGE 7 PERFORATIONS 9367' TO 9162' AT 2972 PSI, PUMPING 10 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 2304 PSI. F.G. .68, 5 MINUTE 1882 PSI. STAGE 7... AS PER PROCEDURE 100M PAD 100M SPACER 1# TLC PROP 2# TLC PROP 3# TLC PROP 3.5# TLC PROP 4# TLC PROP STG FLUSH TO TOP PERF...ISDP 3052 PSI. AVG RATE 64 BPM. AVG PSI 3713 PSI. MAX PSI 4955 PSI. MAX RATE 75 BPM TTL PROP 144000 TURN OVER TO WIRELINE |
| | 18:00 20:00 | 2.00 | STG08 | 21 | | P | | STAGE 8; SET COMPOSITE FRAC PLUG AT 9152' PRESSURE ON WELL 2400 PSI PERFORATE STAGE 8 PERFORATIONS 9135' TO 8965', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS END PRESSURE 3000 PSI SECURE WELL SDFN |
| 9/28/2012 | 6:00 7:00 | 1.00 | STG08 | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PRESSURE |
| | 7:00 11:30 | 4.50 | STG08 | 35 | | P | | STAGE 8; PRESSURE TEST LINES TO 9074 PSI. OPEN WELL. SICP 271 PSI. BREAK DOWN STAGE 8 PERFORATIONS 9135' TO 8965' AT 3076 PSI, PUMPING 10 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 2488 PSI. F.G. .71, 5 MINUTE 2328 PSI. 10 MINUTE 2169 PSI 15 MINUTE 1989 PSI STAGE 8... AS PER PROCEDURE 100M PAD 100M SPACER 1# TLC PROP 2# TLC PROP 3# TLC PROP 3.5# TLC PROP 4# TLC PROP STG FLUSH TO TOP PERF...ISDP 3546 PSI. AVG RATE 69 BPM. AVG PSI 3959 PSI. MAX PSI 5236 PSI. MAX RATE 72 BPM TTL PROP 168548 SECURE WELL |
| | 11:30 14:30 | 3.00 | RDMO | 02 | | P | | RDMO FRAC EQUIPMENT R/D ISOLATION TOOL INSTALL NIGHT CAP PLUM IN FACILITIES |
| | 14:30 17:30 | 3.00 | MIRU | 01 | | P | | MIRU COIL TBG SDFN |
| | 6:00 7:00 | 1.00 | CTU | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; COIL TUBING |
| 9/29/2012 | 7:00 8:00 | 1.00 | CTU | 10 | | P | | MAKE UP TOOLS w 3.625 MILL FUNCTION TEST OK TEST LUBRICATOR OK |
| | 8:00 19:00 | 11.00 | CTU | 10 | | P | | OPEN WELL 100 PSI TIH w 2" COIL TBG DRILL PLUGS C/O 4 1/2" LINER TO PBTD 11337' CTMD CIRC CLEAN TOH RDMO |
| | 19:00 20:00 | 1.00 | FB | 17 | | P | | TURN WELL OVER TO PRODUCTION OPEN WELL 12/64 CHOCK 1700 PSI |
| | 20:00 6:00 | 10.00 | FB | 17 | | P | | FLOW BACK WELL; 0 BBL OF OIL 394 BBLS OF WATER 0 MCFD GAS 2150 PSI ON A 14/64 CHOCK |
| 9/30/2012 | 6:00 6:00 | 24.00 | FB | 17 | | P | | FLOW BACK WELL; 306 BBL OF OIL 390 BBLS OF WATER 428 MCFD GAS 2250 PSI ON A 14/64 CHOCK |
| 10/1/2012 | 6:00 6:00 | 24.00 | FB | 17 | | P | | FLOW BACK WELL; 549 BBL OF OIL 217 BBLS OF WATER 822 MCFD GAS 2225 PSI ON A 14/64 CHOCK |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duratio n (hr) | Phase | Activit y | Sub | OP Code | MD From (ft) | Operation |
|-----------|-------------------|----------------------|--------|--------------|-----|------------|-----------------|--|
| 10/2/2012 | 6:00 6:00 | 24.00 | FB | 17 | | P | | FLOW BACK WELL; 575 BBL OF OIL 154 BBLS OF WATER 836 MCFD GAS 2150 PSI ON A 14/64 CHOCK |
| 10/3/2012 | 6:00 7:00 | 1.00 | PRDHEQ | 28 | | P | | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PRESSURE |
| | 7:00 13:00 | 6.00 | PRDHEQ | 27 | | P | | R/U WIRELINE TEST LUBRICATOR OK SHUT IN WELL TIH w WIRELINE PKR TO 8606' ATTEMPT TO GET IN LINER FAILED UNABLE TO GET PKR IN LINER TOH w WIRELINE FLOW WELL HARD TO TREATER FOR 30 MIN P/U TIH w 3.700 GAUGE RING AND WT BARS ATTEMPT TO GET IN LINER WORK WITH WELL FLOWING FAILED UNABLE TO GET IN LINER TOH w GAUGE RING P/U BULL NOSE GIDE w WT BARS |
| | 13:00 16:30 | 3.50 | PRDHEQ | 27 | | P | | P/U BULL NOSE GIUDE w 3 1/8" WT BARS TIH TAG AT LINER TOP FLOW WELL WORK IN LINER TOP AT 8606' CONTINUE IN TO PBTD AT 11230' WMD. SHUT WELL IN TOH TO LINER TOP WORK WT BAR IN AND OUT OF LINER OK TOH L/D WT BARS |
| | 16:30 17:30 | 1.00 | PRDHEQ | 27 | | P | | P/U TIH w 4 1/2" WIRELINE SET PKR ATTEMPT TO SET AT 8700' FAILED CHARGE FIRED PKR PARTIALLY UNABLE TO GET OFF PKR WORK TO GET FREE FROM PKR PULLED OUT OF ROPE SOCKET TOH w WIRELINE R/D SAME |
| | 17:30 6:00 | 12.50 | FB | 17 | | P | | OPEN WELL FLOW BACK |
| | 6:00 7:30 | 1.50 | MIRU | 28 | | P | | CT HTGSM WRITE & REVIEW JSA (RU RIG & PU TBG |
| 10/4/2012 | 7:30 10:00 | 2.50 | MIRU | 01 | | P | | 0 PSI ON CSG SPOT IN RU RIG RU, WORK FLOOR & TBG TONGS PUMP 60 BBLS DWN CSG W/ H.O. |
| | 10:00 15:30 | 5.50 | PRDHEQ | 24 | | P | | TALLY PU & RIH W/ 3-5/8" OVER SHOT DRESSED W/ 2-3/4" GRAPPLE 2-3/8" PUP JT, 2-3/8" REG X 2-3/8" EUE X OVER, BUMPER SUB, JARS, XO, 2-3/8" PUP JT, 4 JTS 2-3/8" WORK STRING TBG, 2-3/8" EUE X 2-7/8" EUE XO & 269 JTS 2-7/8" EUE L-80 TBG ENGUAGE & LATCH ONTO FISH SET JARS OFF 3 TIMES FISH CAME LOOSE |
| | 15:30 18:30 | 3.00 | PRDHEQ | 39 | | P | | POOH W/ 269 JTS 2-7/8" EUE L-80 TBG 4 JTS 2-3/8" TBG FISHING TOOLS, WL TOOLS & SETTING TOOL SECURE WELL SDFN |
| 10/5/2012 | 6:00 7:30 | 1.50 | PRDHEQ | 28 | | P | | CREW TRAVEL HOLD SAFETY MTG ON TIH W/ TBG WRITE & REVIEW JSA'S |
| | 7:30 11:00 | 3.50 | INSTUB | 39 | | P | | 0 PSI ON CSG TIH W/ 4-1/2" ON-OFF SKIRT, 5 JTS 2-3/8"EUE N-80 TBG, 2-3/8" X 2-7/8" EUE X OVER, & 269 JTS 2-7/8" EUE L-80 TBG |
| | 11:00 13:00 | 2.00 | PRDHEQ | 06 | | P | | CIRCULATE GAS AND OIL OUT W/ 340 BBLS PKR FLUID |
| | 13:00 15:30 | 2.50 | PRDHEQ | 16 | | P | | SPACE WELL OUT W/ 10' & 2' X 2-7/8" N-80 TBG SUBS FOR 18,000 TENSION NDBOP NUWH TEST CSG TO 1000 PSI GOOD TEST, PUMP PLUG OUT @ 2800 PSI RD RIG, WELL FLOWING ON 14/64 CHOKE @ 1200 PSI TURN WELL OVER TO FLOW BACK CREW |
| | 15:30 6:00 | 14.50 | FB | 19 | | P | | FLOW WELL TO PRODUCTION FACILITY RECOVERED 319 MCF,308 BBLS OIL, 141 BBLS WATER, FLOWING @ 2300 PSI ON A 14/64" CHOKE |
| 10/6/2012 | 13:00 18:00 | 5.00 | WLWORK | 32 | | P | | MIRU SLICK LINE UNIT. RIH W/ 1.50 SINKER BARS. TAGGED @9,162'. BEGAN BEATING DOWN ON OBSTUCTION. PUSHED TO 9,480' FELL THROUGH CONTINUED IN HOLE TO PBTD @11,326'. SOOH AND HUNG UP @9,397'. COULD NOT COME UP BUT COULD GO DOWN. CONTINUED JARING EVENTUALLY COULD NOT GO BACK DOWN. |

2.1 Operation Summary (Continued)

| Date | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD From (ft) | Operation |
|------------|-------------------|------------------|--------|----------|-----|------------|-----------------|--|
| | 18:00 19:00 | 1.00 | WLWORK | 32 | | P | | PULLED UP TO 1,500# ON .108" SLICK LNE. AND SLICK LINE PARTED AT TOP SHEEVE ON LUBRICATOR. LEAVING 9,397' OF SLICK LINE. 2-1.50" KNUCKLE JOINTS 5' LONG. 1.50" OIL JARS 5' LONG. 1.50" SPANG JARS 5" LONG. AND 1.50" SINKER BARS 10' LONG IN HOLE. |
| | 19:00 19:30 | 0.50 | WLWORK | 32 | | P | | RIGGED DOWN LUBRICATOR. SECURED WELL. AND TURNED WELL OVER TO FLOWBACK CREW. |
| 11/13/2012 | 6:00 7:30 | 1.50 | CTU | 28 | | P | | TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP COIL TBG UNIT. FILL OUT & REVIEW JSA |
| | 7:30 14:00 | 6.50 | CTU | 18 | | P | | RU COIL TBG UNIT & PUMP EQUIPMENT. MU FISHING TOOLS. PRESSURE TEST LINES. |
| | 14:00 15:00 | 1.00 | CTU | 18 | | P | | RIH W/ WIRELINE SPEAR. UNABLE TO GET PAST BOP W/ SPEAR STOP. POOH. GRIND BEVEL ON TOP & BTM OF STOP. |
| | 15:00 6:00 | 15.00 | CTU | 18 | | P | | RIH & TAG SLICK LINE @ 91'. WORK FISHING TOOLS IN & OUT OF HOLE. AT REPORT TIME RECOVERED APROXIMATELY 230' OF SLICKLINE |
| 11/14/2012 | 6:00 6:30 | 0.50 | CTU | 28 | | P | | HOLD SAFETY MEETING ON STRIPPING SLICKLINE. FILL OUT & REVIEW JSA |
| | 6:30 14:00 | 7.50 | CTU | 18 | | P | | CONTINUE FISHING SLICKLINE. RECOVERED 590' TTL SLICKLINE. FISHTOP @ 682'. WELL STAYED DEAD MOST OF DAY. SAW 1 1000 PSI KICK. |
| | 14:00 18:00 | 4.00 | CTU | 16 | | P | | LD FISHING TOOLS. RD COIL TBG UNIT. SDFN |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

BHL 020FSL 945FEL
PB 11326, PETVD 11343

AMENDED REPORT ☐ FORM 8

(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | |
|--|----------------|---|-----------|---|-------------------------|---|---------------------|---|-----------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | |
| b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ | | | | | | 7. UNIT or CA AGREEMENT NAME | | | |
| 2. NAME OF OPERATOR: EP Energy E&P Company, L.P. | | | | | | 8. WELL NAME and NUMBER: Duchesne Land 4-10C5 | | | |
| 3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 | | | | | | PHONE NUMBER: (713) 997-5038 | | 9. API NUMBER: 4301351262 | |
| 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1000' FSL & 1000' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 1000' FSL & 1000' FEL AT TOTAL DEPTH: 1000' FSL & 1000' FEL | | | | | | 10. FIELD AND POOL, OR WILDCAT Altamont | | | |
| | | | | | | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 10 3S 5W U | | | |
| | | | | | | 12. COUNTY Duchesne | | 13. STATE UTAH | |
| 14. DATE SPUDDED: 7/31/2012 | | 15. DATE T.D. REACHED: 9/7/2012 | | 16. DATE COMPLETED: 9/28/2012 | | ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/> | | 17. ELEVATIONS (DF, RKB, RT, GL): 5939 | |
| 18. TOTAL DEPTH: MD 11,383 TVD 11,379 | | 19. PLUG BACK T.D.: MD TVD | | 20. IF MULTIPLE COMPLETIONS, HOW MANY? * | | 21. DEPTH BRIDGE MD PLUG SET: TVD | | | |
| 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Sonic, Gamma Ray, Resistivity & Neutron Density | | | | | | 23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy) | | | |
| 24. CASING AND LINER RECORD (Report all strings set in well) | | | | | | | | | |
| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
| 17.5 | 13.375 J55 | 54.5 | 0 | 1,002 | | Prem 1,175 | 1,351 | 0 | |
| 12.25 | 9.625 N80 | 40 | 0 | 3,460 | | 65/35/P 845 | 2,118 | 0 | |
| 8.75 | 7" P110 | 29 | 0 | 8,870 | | Prem 460 | 1,027 | 3100 | |
| 6.125 | 4.5 P110 | 13.5 | 8,606 | 11,383 | | T Light 220 | 354 | 8606 | |
| | | | | | | | | | |
| | | | | | | | | | |
| 25. TUBING RECORD | | | | | | | | | |
| SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | |
| 2.875 | 8,723 | | | | | | | | |
| 26. PRODUCING INTERVALS | | | | | 27. PERFORATION RECORD | | | | |
| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) | INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS | |
| (A) Wasatch | 8,979 | 11,277 | 8,977 | 11,273 | 10,937 11,277 | | 63 | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (B) | | | | | 10,564 10,802 | | 66 | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (C) | | | | | 10,232 10,524 | | 69 | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| (D) | | | | | 9,888 10,195 | | 69 | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28. | | | | | | | | | |
| DEPTH INTERVAL | | AMOUNT AND TYPE OF MATERIAL | | | | | | | |
| 10937-11277 | | 5000 gal acid, 3000# 100 mesh, 155480# 20/40 SinterLite | | | | | | | |
| 10564-10802 | | 5000 gal acid, 3000# 100 mesh, 110000# 20/40 SinterLite | | | | | | | |
| 10232-10524 | | 5000 gal acid, 6000# 100 mesh, 120000# 20/40 SinterLite | | | | | | | |
| 29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor. | | | | | | | | 30. WELL STATUS: Prod | |
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | | <input type="checkbox"/> GEOLOGIC REPORT | | <input type="checkbox"/> DST REPORT | | <input type="checkbox"/> DIRECTIONAL SURVEY | | | |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | | <input type="checkbox"/> CORE ANALYSIS | | <input checked="" type="checkbox"/> OTHER: Deviation Report Summary | | | | | |

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|-------------------------|--|----------------------|--|-----------------------------|--|--------------------|--|------------------------|--|------------------------------|--|-------------------------|--|-------------------|--|---------------------|--|-------------------------------|--|
| DATE FIRST PRODUCED: 9/29/2012 | | TEST DATE: 9/28/2012 | | HOURS TESTED: 24 | | TEST PRODUCTION RATES: → | | OIL – BBL: 308 | | GAS – MCF: 319 | | WATER – BBL: 141 | | PROD. METHOD: Tubing | | | | | | | |
| CHOKE SIZE: 14/64" | | TBG. PRESS. 2,300 | | CSG. PRESS. 42.00 | | API GRAVITY 42.00 | | BTU – GAS 1,450 | | GAS/OIL RATIO 1,036 | | 24 HR PRODUCTION RATES: → | | OIL – BBL: 308 | | GAS – MCF: 319 | | WATER – BBL: 141 | | INTERVAL STATUS: Producing | |

INTERVAL B (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

INTERVAL C (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

INTERVAL D (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|---------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|-----------|-------------|----------------|------------------------------|---|----------------------------------|
| | | | | Upper Green River Middle Green River Lower Green River Wasatch | 4,191 5,862 7,194 8,984 |

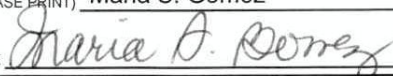
35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Prin Regulatory Analyst

SIGNATURE



DATE 4/25/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Attachment to Well Completion Report

Form 8 Dated April 25, 2013

Well Name: Duchesne L and 4-10C5

Items #27 and #28 Continued

27. Perforation Record

| Interval (Top/Bottom – MD) | Size | No. of Holes | Perf. Status |
|----------------------------|------|--------------|--------------|
| 9587' -9849' | | 69 | Open |
| 9399' -9568' | | 69 | Open |
| 9162' -9367' | | 69 | Open |
| 8965' -9135' | | 69 | Open |

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 9888' -10195' | 5000 gal acid, 6000#100 mesh, 120000#20/40 Sinter Lite |
| 9587' -9849' | 5000 gal acid, 4000#100 mesh, 130000#20/40 Sinter Lite |
| 9399' -9568' | 5000 gal acid, 3000#100 mesh, 140000#20/40 Sinter Lite |
| 9162' -9367' | 5000 gal acid, 4000#100 mesh, 140000#20/40 Sinter Lite |
| 8965' -9135' | 5000 gal acid, 9080#100 mesh, 137980#20/40 Sinter Lite |

CENTRAL DIVISION

ALTAMONT FIELD
DUCHESNE LAND 4-10C5
DUCHESNE LAND 4-10C5
DUCHESNE LAND 4-10C5

Deviation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

| | |
|----------------|------------------|
| Company | CENTRAL DIVISION |
| Representative | |
| Address | |

1.2 Well Information

| | | | |
|--------------------------|---------------------------------------|----------------------|----------------------|
| Well | DUCHESNE LAND 4-10C5 | Wellbore No. | OH |
| Wellbore Legal Name | DUCHESNE LAND 4-10C5 | Common Wellbore Name | DUCHESNE LAND 4-10C5 |
| Project | ALTAMONT FIELD | Site | DUCHESNE LAND 4-10C5 |
| Vertical Section Azimuth | | North Reference | True |
| Origin N/S | | Origin E/W | |
| Spud Date/Time | 8/19/2012 | UWI | DUCHESNE LAND 4-10C5 |
| Active Datum | KB @ 5,956.0ft (above Mean Sea Level) | | |

2 Survey Name

2.1 Survey Name: Survey #1

| | | | |
|-------------|-----------|----------|--------------|
| Survey Name | Survey #1 | Company | PRO PLUS INC |
| Started | 8/11/2012 | Ended | 8/12/2012 |
| Tool Name | MSS | Engineer | WAYNE |

2.1.1 Tie On Point

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) |
|---------|---------|---------|----------|----------|----------|
| | | 279.41 | | | |

2.1.2 Survey Stations

| Date | Type | MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) | V. Sec (ft) | DLeg (°/100ft) | Build (°/100ft) | Turn (°/100ft) | TFace (°) |
|-----------|--------|---------|---------|---------|----------|----------|----------|-------------|----------------|-----------------|----------------|-----------|
| 7/17/2012 | NORMAL | 200.0 | 0.34 | 279.41 | 200.0 | 0.10 | -0.59 | 0.10 | 0.17 | 0.17 | 0.00 | 279.41 |
| | NORMAL | 460.0 | 0.41 | 333.78 | 460.0 | 1.06 | -1.76 | 1.06 | 0.13 | 0.03 | 20.91 | 106.88 |
| | NORMAL | 600.0 | 0.66 | 158.18 | 600.0 | 0.76 | -1.68 | 0.76 | 0.76 | 0.18 | -125.43 | -177.29 |
| | NORMAL | 820.0 | 0.71 | 78.14 | 820.0 | -0.14 | 0.13 | -0.14 | 0.40 | 0.02 | -36.38 | -127.53 |
| | NORMAL | 1,020.0 | 0.75 | 212.35 | 1,020.0 | -0.99 | 0.64 | -0.99 | 0.67 | 0.02 | 67.10 | 156.44 |
| 8/11/2012 | Tie On | 0.0 | 0.00 | 0.00 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

2.2 Survey Name: Survey #2

| | | | |
|-------------|-----------|----------|-----------|
| Survey Name | Survey #2 | Company | EI Paso |
| Started | 8/20/2012 | Ended | 8/24/2012 |
| Tool Name | | Engineer | EI Paso |

2.2.1 Tie On Point

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) |
|---------|---------|---------|----------|----------|----------|
| 1,020.0 | 0.75 | 212.35 | 1,020.0 | -0.99 | 0.64 |

2.2.2 Survey Stations

| Date | Type | MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) | V. Sec (ft) | DLeg (°/100ft) | Build (°/100ft) | Turn (°/100ft) | TFace (°) |
|-----------|---------|---------|---------|---------|----------|----------|----------|-------------|----------------|-----------------|----------------|-----------|
| 8/20/2012 | Tie On | 1,020.0 | 0.75 | 212.35 | 1,020.0 | -0.99 | 0.64 | -0.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8/21/2012 | NOR MAL | 1,186.0 | 0.73 | 176.92 | 1,186.0 | -2.96 | 0.11 | -2.96 | 0.27 | -0.01 | -21.34 | -110.14 |
| | NOR MAL | 1,279.0 | 0.69 | 156.64 | 1,279.0 | -4.07 | 0.37 | -4.07 | 0.27 | -0.04 | -21.81 | -109.09 |
| | NOR MAL | 1,372.0 | 0.93 | 152.02 | 1,371.9 | -5.25 | 0.94 | -5.25 | 0.27 | 0.26 | -4.97 | -17.54 |
| | NOR MAL | 1,466.0 | 1.27 | 155.07 | 1,465.9 | -6.87 | 1.74 | -6.87 | 0.37 | 0.36 | 3.24 | 11.30 |
| | NOR MAL | 1,559.0 | 1.66 | 154.66 | 1,558.9 | -9.02 | 2.75 | -9.02 | 0.42 | 0.42 | -0.44 | -1.74 |
| | NOR MAL | 1,652.0 | 1.92 | 165.66 | 1,651.9 | -11.75 | 3.71 | -11.75 | 0.46 | 0.28 | 11.83 | 58.47 |
| | NOR MAL | 1,746.0 | 2.11 | 179.81 | 1,745.8 | -15.00 | 4.11 | -15.00 | 0.56 | 0.20 | 15.05 | 76.27 |
| | NOR MAL | 1,839.0 | 2.25 | 186.05 | 1,838.7 | -18.53 | 3.92 | -18.53 | 0.30 | 0.15 | 6.71 | 62.61 |
| | NOR MAL | 1,932.0 | 2.12 | 179.98 | 1,931.7 | -22.07 | 3.73 | -22.07 | 0.29 | -0.14 | -6.53 | -122.33 |
| | NOR MAL | 2,025.0 | 2.29 | 175.71 | 2,024.6 | -25.64 | 3.87 | -25.64 | 0.25 | 0.18 | -4.59 | -46.17 |
| | NOR MAL | 2,119.0 | 2.24 | 182.10 | 2,118.5 | -29.35 | 3.94 | -29.35 | 0.27 | -0.05 | 6.80 | 104.38 |
| | NOR MAL | 2,212.0 | 2.22 | 183.52 | 2,211.5 | -32.96 | 3.77 | -32.96 | 0.06 | -0.02 | 1.53 | 110.61 |
| | NOR MAL | 2,305.0 | 1.84 | 191.04 | 2,304.4 | -36.22 | 3.37 | -36.22 | 0.50 | -0.41 | 8.09 | 148.69 |
| | NOR MAL | 2,398.0 | 1.27 | 197.63 | 2,397.4 | -38.67 | 2.77 | -38.67 | 0.64 | -0.61 | 7.09 | 165.86 |
| 8/23/2012 | NOR MAL | 2,482.0 | 1.70 | 207.50 | 2,481.3 | -40.66 | 1.91 | -40.66 | 0.59 | 0.51 | 11.75 | 35.74 |
| | NOR MAL | 2,575.0 | 1.76 | 213.68 | 2,574.3 | -43.08 | 0.49 | -43.08 | 0.21 | 0.06 | 6.65 | 75.28 |
| | NOR MAL | 2,668.0 | 1.57 | 213.62 | 2,667.2 | -45.33 | -1.01 | -45.33 | 0.20 | -0.20 | -0.06 | -179.50 |
| | NOR MAL | 2,761.0 | 1.49 | 204.99 | 2,760.2 | -47.48 | -2.23 | -47.48 | 0.26 | -0.09 | -9.28 | -113.43 |
| | NOR MAL | 2,854.0 | 1.38 | 201.05 | 2,853.2 | -49.62 | -3.14 | -49.62 | 0.16 | -0.12 | -4.24 | -140.07 |
| | NOR MAL | 2,947.0 | 1.12 | 194.86 | 2,946.2 | -51.55 | -3.78 | -51.55 | 0.31 | -0.28 | -6.66 | -155.63 |
| | NOR MAL | 3,040.0 | 1.06 | 196.75 | 3,039.1 | -53.25 | -4.26 | -53.25 | 0.08 | -0.06 | 2.03 | 150.01 |
| | NOR MAL | 3,133.0 | 1.11 | 182.82 | 3,132.1 | -54.97 | -4.55 | -54.97 | 0.29 | 0.05 | -14.98 | -86.28 |
| | NOR MAL | 3,226.0 | 1.33 | 196.55 | 3,225.1 | -56.91 | -4.90 | -56.91 | 0.39 | 0.24 | 14.76 | 60.03 |
| | NOR MAL | 3,319.0 | 1.19 | 177.55 | 3,318.1 | -58.91 | -5.17 | -58.91 | 0.47 | -0.15 | -20.43 | -117.86 |
| | NOR MAL | 3,412.0 | 1.42 | 172.10 | 3,411.1 | -61.01 | -4.97 | -61.01 | 0.28 | 0.25 | -5.86 | -31.10 |

2.3 Survey Name: Survey #3

| | | | |
|-------------|-----------|----------|-------------------|
| Survey Name | Survey #3 | Company | RYAN SERVICES INC |
| Started | 8/25/2012 | Ended | |
| Tool Name | MWD | Engineer | El Paso |

2.3.1 Tie On Point

| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) |
|---------|---------|---------|----------|----------|----------|
| 3,412.0 | 1.42 | 172.10 | 3,411.1 | -61.01 | -4.97 |

2.3.2 Survey Stations

| Date | Type | MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) | V. Sec (ft) | DLeg (°/100ft) | Build (°/100ft) | Turn (°/100ft) | TFace (°) |
|-----------|---------|---------|---------|---------|----------|----------|----------|-------------|----------------|-----------------|----------------|-----------|
| 8/25/2012 | Tie On | 3,412.0 | 1.42 | 172.10 | 3,411.1 | -61.01 | -4.97 | -61.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8/25/2012 | NOR MAL | 3,609.0 | 2.42 | 176.14 | 3,608.0 | -67.58 | -4.35 | -67.58 | 0.51 | 0.51 | 2.05 | 9.73 |
| | NOR MAL | 3,639.0 | 2.42 | 175.84 | 3,637.9 | -68.84 | -4.26 | -68.84 | 0.04 | 0.00 | -1.00 | -90.15 |
| | NOR MAL | 3,732.0 | 0.79 | 146.13 | 3,730.9 | -71.33 | -3.76 | -71.33 | 1.91 | -1.75 | -31.95 | -167.27 |
| | NOR MAL | 3,825.0 | 0.62 | 129.04 | 3,823.9 | -72.18 | -3.02 | -72.18 | 0.29 | -0.18 | -18.38 | -137.29 |
| | NOR MAL | 3,918.0 | 0.79 | 167.14 | 3,916.9 | -73.13 | -2.48 | -73.13 | 0.52 | 0.18 | 40.97 | 89.80 |
| | NOR MAL | 4,011.0 | 0.31 | 314.75 | 4,009.9 | -73.57 | -2.52 | -73.57 | 1.14 | -0.52 | 158.72 | 171.03 |
| | NOR MAL | 4,104.0 | 0.22 | 231.03 | 4,102.9 | -73.51 | -2.84 | -73.51 | 0.39 | -0.10 | -90.02 | -142.59 |
| | NOR MAL | 4,197.0 | 0.40 | 208.14 | 4,195.9 | -73.91 | -3.13 | -73.91 | 0.23 | 0.19 | -24.61 | -46.33 |
| | NOR MAL | 4,290.0 | 0.62 | 214.33 | 4,288.9 | -74.61 | -3.56 | -74.61 | 0.24 | 0.24 | 6.66 | 17.17 |
| | NOR MAL | 4,384.0 | 1.01 | 210.25 | 4,382.9 | -75.75 | -4.27 | -75.75 | 0.42 | 0.41 | -4.34 | -10.51 |
| 8/26/2012 | NOR MAL | 4,477.0 | 0.70 | 312.55 | 4,475.9 | -76.07 | -5.10 | -76.07 | 1.45 | -0.33 | 110.00 | 149.45 |
| | NOR MAL | 4,570.0 | 0.62 | 259.33 | 4,568.8 | -75.78 | -6.01 | -75.78 | 0.64 | -0.09 | -57.23 | -123.51 |

2.3.2 Survey Stations (Continued)

| Date | Type | MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) | V. Sec (ft) | DLeg (°/100ft) | Build (°/100ft) | Turn (°/100ft) | TFace (°) |
|-----------|---------|------------|------------|------------|-------------|-------------|-------------|----------------|-------------------|--------------------|-------------------|--------------|
| 8/26/2012 | NOR MAL | 4,663.0 | 0.48 | 341.34 | 4,661.8 | -75.50 | -6.63 | -75.50 | 0.78 | -0.15 | 88.18 | 139.33 |
| | NOR MAL | 4,756.0 | 1.10 | 354.56 | 4,754.8 | -74.24 | -6.84 | -74.24 | 0.69 | 0.67 | 14.22 | 23.06 |
| | NOR MAL | 4,849.0 | 1.89 | 349.47 | 4,847.8 | -71.85 | -7.21 | -71.85 | 0.86 | 0.85 | -5.47 | -12.09 |
| | NOR MAL | 4,943.0 | 2.11 | 0.85 | 4,941.7 | -68.59 | -7.46 | -68.59 | 0.48 | 0.23 | 12.11 | 66.78 |
| | NOR MAL | 5,036.0 | 1.32 | 358.74 | 5,034.7 | -65.81 | -7.46 | -65.81 | 0.85 | -0.85 | -2.27 | -176.48 |
| | NOR MAL | 5,129.0 | 0.48 | 308.77 | 5,127.7 | -64.50 | -7.79 | -64.50 | 1.16 | -0.90 | -53.73 | -160.03 |
| | NOR MAL | 5,222.0 | 0.88 | 319.23 | 5,220.7 | -63.71 | -8.56 | -63.71 | 0.45 | 0.43 | 11.25 | 22.52 |
| | NOR MAL | 5,315.0 | 1.80 | 351.66 | 5,313.7 | -61.72 | -9.24 | -61.72 | 1.24 | 0.99 | 34.87 | 56.48 |
| | NOR MAL | 5,408.0 | 2.29 | 13.77 | 5,406.6 | -58.48 | -9.01 | -58.48 | 0.99 | 0.53 | 23.77 | 69.53 |
| | NOR MAL | 5,501.0 | 1.32 | 8.36 | 5,499.6 | -55.61 | -8.41 | -55.61 | 1.06 | -1.04 | -5.82 | -172.73 |
| | NOR MAL | 5,595.0 | 1.58 | 26.34 | 5,593.5 | -53.38 | -7.68 | -53.38 | 0.55 | 0.28 | 19.13 | 69.44 |
| | NOR MAL | 5,688.0 | 0.70 | 44.44 | 5,686.5 | -51.82 | -6.71 | -51.82 | 1.01 | -0.95 | 19.46 | 166.62 |
| | NOR MAL | 5,781.0 | 1.01 | 69.84 | 5,779.5 | -51.14 | -5.54 | -51.14 | 0.52 | 0.33 | 27.31 | 63.88 |
| 8/27/2012 | NOR MAL | 5,874.0 | 1.32 | 74.76 | 5,872.5 | -50.57 | -3.74 | -50.57 | 0.35 | 0.33 | 5.29 | 20.35 |
| | NOR MAL | 5,967.0 | 1.41 | 85.66 | 5,965.5 | -50.20 | -1.57 | -50.20 | 0.29 | 0.10 | 11.72 | 76.38 |
| | NOR MAL | 6,060.0 | 1.10 | 106.54 | 6,058.4 | -50.37 | 0.43 | -50.37 | 0.59 | -0.33 | 22.45 | 134.27 |
| | NOR MAL | 6,153.0 | 0.88 | 125.74 | 6,151.4 | -51.04 | 1.87 | -51.04 | 0.42 | -0.24 | 20.65 | 132.90 |
| | NOR MAL | 6,246.0 | 0.44 | 92.74 | 6,244.4 | -51.48 | 2.80 | -51.48 | 0.61 | -0.47 | -35.48 | -154.87 |
| | NOR MAL | 6,339.0 | 0.40 | 115.46 | 6,337.4 | -51.63 | 3.45 | -51.63 | 0.18 | -0.04 | 24.43 | 114.69 |
| | NOR MAL | 6,432.0 | 0.40 | 168.86 | 6,430.4 | -52.09 | 3.81 | -52.09 | 0.39 | 0.00 | 57.42 | 116.70 |
| | NOR MAL | 6,525.0 | 0.62 | 179.84 | 6,523.4 | -52.91 | 3.87 | -52.91 | 0.26 | 0.24 | 11.81 | 29.51 |
| | NOR MAL | 6,619.0 | 0.48 | 235.73 | 6,617.4 | -53.64 | 3.55 | -53.64 | 0.56 | -0.15 | 59.46 | 131.44 |
| | NOR MAL | 6,712.0 | 1.01 | 61.36 | 6,710.4 | -53.47 | 3.95 | -53.47 | 1.60 | 0.57 | -187.49 | -176.18 |
| | NOR MAL | 6,805.0 | 1.19 | 233.85 | 6,803.4 | -53.65 | 3.89 | -53.65 | 2.36 | 0.19 | 185.47 | 175.94 |
| | NOR MAL | 6,898.0 | 1.58 | 236.83 | 6,896.4 | -54.92 | 2.03 | -54.92 | 0.43 | 0.42 | 3.20 | 11.96 |
| | NOR MAL | 6,991.0 | 1.32 | 231.25 | 6,989.3 | -56.29 | 0.12 | -56.29 | 0.32 | -0.28 | -6.00 | -154.26 |
| 8/28/2012 | NOR MAL | 7,084.0 | 0.40 | 231.56 | 7,082.3 | -57.16 | -0.97 | -57.16 | 0.99 | -0.99 | 0.33 | 179.87 |
| | NOR MAL | 7,178.0 | 0.40 | 147.14 | 7,176.3 | -57.64 | -1.04 | -57.64 | 0.57 | 0.00 | -89.81 | -132.21 |
| | NOR MAL | 7,271.0 | 0.40 | 199.26 | 7,269.3 | -58.22 | -0.98 | -58.22 | 0.38 | 0.00 | 56.04 | 116.06 |
| | NOR MAL | 7,364.0 | 0.88 | 236.26 | 7,362.3 | -58.92 | -1.68 | -58.92 | 0.66 | 0.52 | 39.78 | 60.24 |
| | NOR MAL | 7,457.0 | 1.32 | 224.66 | 7,455.3 | -60.08 | -3.02 | -60.08 | 0.53 | 0.47 | -12.47 | -32.72 |
| | NOR MAL | 7,550.0 | 1.41 | 231.87 | 7,548.3 | -61.55 | -4.68 | -61.55 | 0.21 | 0.10 | 7.75 | 65.98 |
| | NOR MAL | 7,643.0 | 1.19 | 246.06 | 7,641.2 | -62.65 | -6.46 | -62.65 | 0.42 | -0.24 | 15.26 | 131.30 |
| | NOR MAL | 7,736.0 | 1.58 | 231.87 | 7,734.2 | -63.83 | -8.35 | -63.83 | 0.56 | 0.42 | -15.26 | -48.57 |
| | NOR MAL | 7,830.0 | 1.89 | 230.46 | 7,828.2 | -65.62 | -10.56 | -65.62 | 0.33 | 0.33 | -1.50 | -8.55 |
| | NOR MAL | 7,923.0 | 2.02 | 226.33 | 7,921.1 | -67.73 | -12.93 | -67.73 | 0.21 | 0.14 | -4.44 | -49.38 |
| | NOR MAL | 8,016.0 | 2.20 | 216.35 | 8,014.1 | -70.30 | -15.18 | -70.30 | 0.44 | 0.19 | -10.73 | -68.95 |
| | NOR MAL | 8,110.0 | 2.29 | 211.83 | 8,108.0 | -73.35 | -17.24 | -73.35 | 0.21 | 0.10 | -4.81 | -65.33 |
| | NOR MAL | 8,203.0 | 2.20 | 212.44 | 8,200.9 | -76.43 | -19.17 | -76.43 | 0.10 | -0.10 | 0.66 | 165.44 |
| 8/29/2012 | NOR MAL | 8,390.0 | 2.42 | 215.04 | 8,387.8 | -82.69 | -23.37 | -82.69 | 0.13 | 0.12 | 1.39 | 26.77 |
| | NOR MAL | 8,483.0 | 2.42 | 216.84 | 8,480.7 | -85.87 | -25.67 | -85.87 | 0.08 | 0.00 | 1.94 | 90.90 |
| | NOR MAL | 8,576.0 | 2.11 | 220.13 | 8,573.6 | -88.75 | -27.95 | -88.75 | 0.36 | -0.33 | 3.54 | 158.88 |
| | NOR MAL | 8,670.0 | 1.58 | 224.97 | 8,667.6 | -90.99 | -29.98 | -90.99 | 0.59 | -0.56 | 5.15 | 166.03 |
| | NOR MAL | 8,763.0 | 0.79 | 222.24 | 8,760.5 | -92.37 | -31.32 | -92.37 | 0.85 | -0.85 | -2.94 | -177.28 |
| | NOR MAL | 8,870.0 | 0.48 | 230.94 | 8,867.5 | -93.20 | -32.16 | -93.20 | 0.30 | -0.29 | 8.13 | 167.04 |

2.4 Survey Name: Survey #4

| | | | |
|-------------|-----------|----------|---------------------------------|
| Survey Name | Survey #4 | Company | HALLIBURTON ENERGY SERVICES INC |
| Started | 8/29/2012 | Ended | 9/12/2012 |
| Tool Name | DIPMET | Engineer | CLAYTON |

2.4.1 Tie On Point

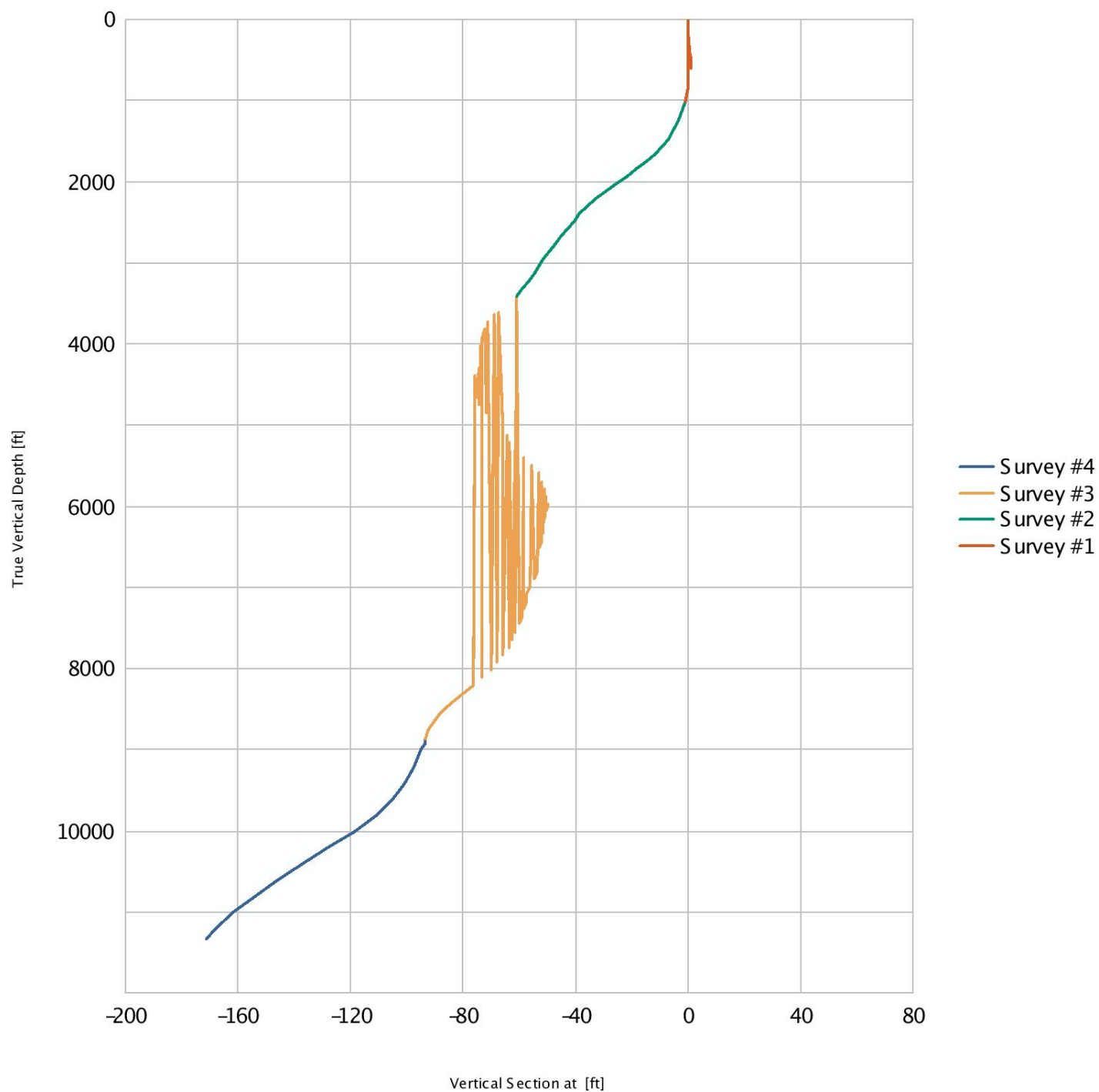
| MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) |
|------------|------------|------------|-------------|-------------|-------------|
| 8,870.0 | 0.48 | 230.94 | 8,867.5 | -93.20 | -32.16 |

2.4.2 Survey Stations

| Date | Type | MD (ft) | Inc (°) | Azi (°) | TVD (ft) | N/S (ft) | E/W (ft) | V. Sec (ft) | DLeg (°/100ft) | Build (°/100ft) | Turn (°/100ft) | TFace (°) |
|-----------|---------|------------|------------|------------|-------------|-------------|-------------|----------------|-------------------|--------------------|-------------------|--------------|
| 8/29/2012 | Tie On | 8,870.0 | 0.48 | 230.94 | 8,867.5 | -93.20 | -32.16 | -93.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9/9/2012 | NOR MAL | 8,920.0 | 0.87 | 164.00 | 8,917.5 | -93.70 | -32.22 | -93.70 | 1.62 | 0.78 | -133.88 | -99.86 |
| | NOR MAL | 9,000.0 | 0.87 | 163.82 | 8,997.5 | -94.87 | -31.88 | -94.87 | 0.01 | 0.00 | -0.22 | -37.41 |
| | NOR MAL | 9,210.0 | 0.90 | 219.34 | 9,207.5 | -97.68 | -32.48 | -97.68 | 0.39 | 0.01 | 26.44 | 116.14 |
| | NOR MAL | 9,420.0 | 1.74 | 228.16 | 9,417.4 | -101.08 | -35.90 | -101.08 | 0.41 | 0.40 | 4.20 | 18.03 |
| | NOR MAL | 9,600.0 | 1.53 | 196.39 | 9,597.4 | -105.22 | -38.62 | -105.22 | 0.51 | -0.11 | -17.65 | -118.30 |
| | NOR MAL | 9,810.0 | 1.95 | 209.58 | 9,807.3 | -111.02 | -41.18 | -111.02 | 0.27 | 0.20 | 6.28 | 50.72 |
| | NOR MAL | 10,020.0 | 2.61 | 185.72 | 10,017.1 | -118.89 | -43.42 | -118.89 | 0.54 | 0.31 | -11.36 | -67.50 |
| | NOR MAL | 10,200.0 | 2.88 | 190.78 | 10,196.9 | -127.41 | -44.67 | -127.41 | 0.20 | 0.15 | 2.81 | 44.17 |
| | NOR MAL | 10,410.0 | 2.68 | 186.48 | 10,406.7 | -137.48 | -46.22 | -137.48 | 0.14 | -0.10 | -2.05 | -136.34 |
| | NOR MAL | 10,620.0 | 2.57 | 207.23 | 10,616.4 | -146.55 | -48.92 | -146.55 | 0.45 | -0.05 | 9.88 | 106.90 |
| | NOR MAL | 10,800.0 | 2.63 | 201.43 | 10,796.3 | -153.98 | -52.28 | -153.98 | 0.15 | 0.03 | -3.22 | -80.44 |
| | NOR MAL | 11,010.0 | 1.92 | 181.94 | 11,006.1 | -161.97 | -54.16 | -161.97 | 0.49 | -0.34 | -9.28 | -141.93 |
| | NOR MAL | 11,220.0 | 1.57 | 183.49 | 11,216.0 | -168.36 | -54.45 | -168.36 | 0.17 | -0.17 | 0.74 | 173.09 |
| | NOR MAL | 11,340.0 | 1.60 | 196.04 | 11,336.0 | -171.61 | -55.02 | -171.61 | 0.29 | 0.02 | 10.46 | 91.35 |

3 Charts

3.1 Vertical Section View



3.2 Plan View

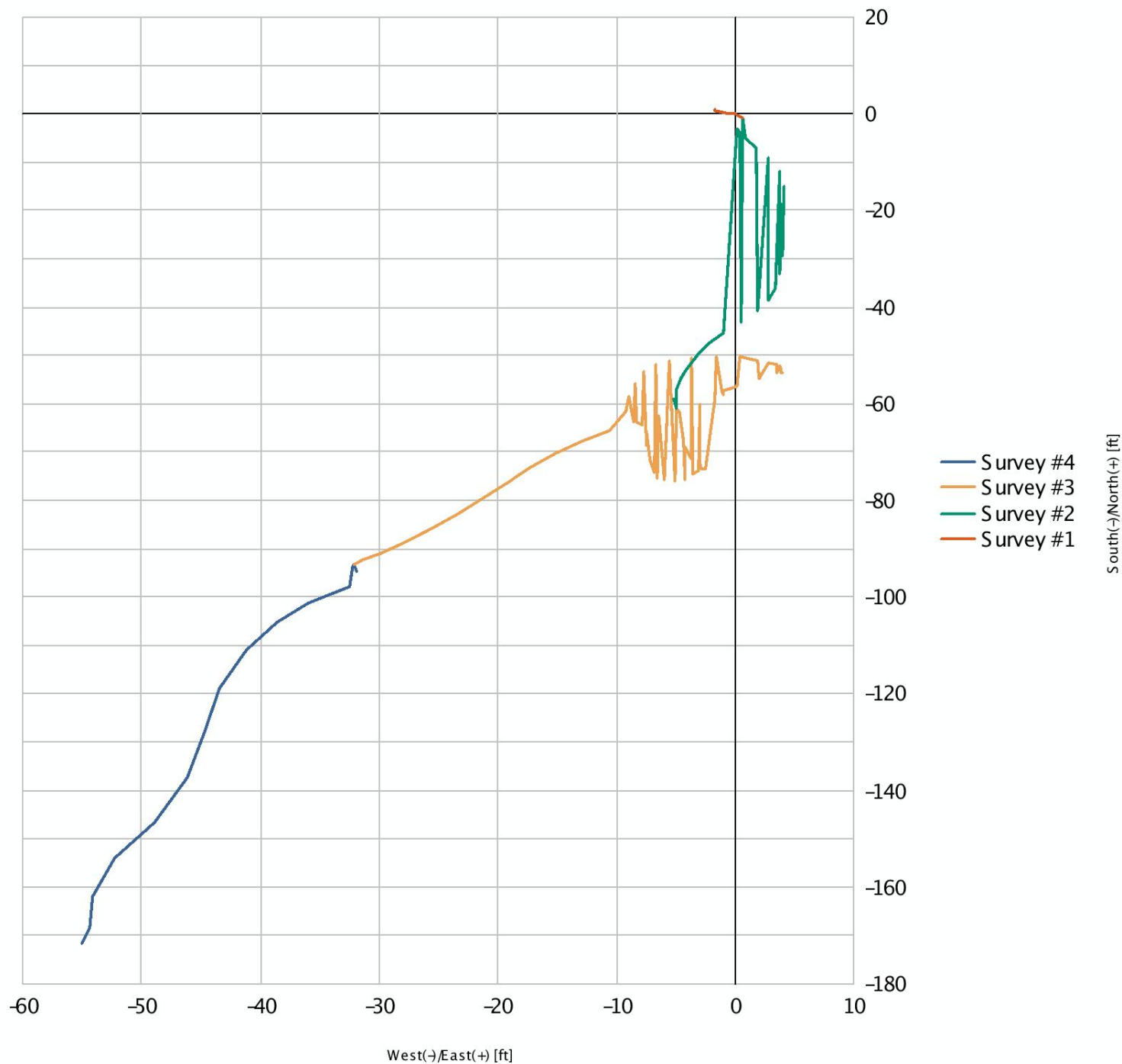


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